

Notes for a course in development economics Full Version

Notes for a course in development economics are essential for students aiming to understand the complex processes that influence economic growth and development in various countries around the world. Development economics is a branch of economics that focuses on improving the economic well-being of people in developing countries. It addresses issues such as poverty, inequality, health, education, and sustainable growth, offering a comprehensive framework to analyze the challenges and opportunities faced by these nations. This article provides a structured overview of key concepts, theories, and frameworks to help students excel in their development economics course.

Introduction to Development Economics

Development economics explores the factors that promote economic growth and improve living standards in low-income countries. It distinguishes itself from traditional economics by emphasizing social, political, and institutional factors that influence development trajectories. Understanding these foundational principles is crucial for analyzing policy options and their potential impacts.

Definition and Scope

- Development economics studies the process of economic development, encompassing income growth, poverty reduction, and social progress.
- Focuses on low and middle-income countries, analyzing unique challenges such as resource scarcity, institutional weaknesses, and external shocks.
- Includes both microeconomic and macroeconomic perspectives to understand individual behaviors and aggregate outcomes.

Key Objectives of Development Economics

- Reducing poverty and income inequality
- Promoting sustainable economic growth
- Improving health, education, and social services
- Building effective institutions and governance

Historical Perspectives and Theories of Development

Understanding the evolution of development thought provides context for current policies and debates.

Classical and Neo-Classical Theories

- **Classical Theory:** Focused on capital accumulation, free markets, and the role of savings and investment in growth. Notable economists include Adam Smith and David Ricardo.
- **Neo-Classical Theory:** Emphasized the importance of technological progress and efficient resource allocation, with models like Solow's growth model highlighting the role of capital and labor.

Dependency Theory

- Argues that underdevelopment is a result of historical exploitation by developed countries.
- Suggests that developing countries remain dependent through trade relations and multinational corporations.
- Calls for strategies like import substitution and self-reliance.

Modern Growth Theories

- Include Endogenous Growth Models, which emphasize innovation, human capital, and knowledge spillovers.
- Highlight the importance of institutions, technology, and policies in sustaining long-term growth.

Key Concepts in Development Economics

Grasping core concepts is vital for analyzing development issues effectively.

Poverty and Inequality

- **Absolute Poverty:** Lack of basic necessities such as food, shelter, and clothing.
- **Relative Poverty:** Poverty compared to the overall standards of living in a society.
- Measurement tools include the Human Poverty Index (HPI) and the Gini coefficient.

Human Capital Development

- Investments in education, health, and skills enhance productivity and economic potential.

- Critical for breaking the cycle of poverty and fostering sustainable growth.

Economic Growth vs. Development

- Economic growth refers to an increase in a country's output, typically measured by GDP.
- Development encompasses qualitative improvements in living standards, health, education, and equality.
- Growth does not necessarily lead to development without inclusive policies.

Determinants of Economic Development

Various factors influence a country's development trajectory.

Physical and Human Capital

- Physical capital includes infrastructure, machinery, and technology.
- Human capital involves education, health, and skills of the workforce.
- Both are essential for productivity and innovation.

Institutional Quality and Governance

- Effective institutions promote property rights, reduce corruption, and ensure law and order.
- Good governance facilitates investment, entrepreneurship, and social stability.

Geography and Natural Resources

- Resource abundance can boost development but may also lead to resource curse phenomena.
- Geographical factors such as climate, location, and access to trade routes influence growth potential.

Technological Change and Innovation

- Technological progress drives productivity improvements and new opportunities.
- Investments in research and development are vital for sustaining growth.

Development Policies and Strategies

Effective policy design is key to fostering development.

Market-Oriented Policies

- Encourage free trade, deregulation, and privatization.
- Focus on creating a conducive environment for private sector growth.

State-Led Development

- Involves government intervention in infrastructure, education, and industrial policies.
- Includes strategies like import substitution industrialization (ISI).

Inclusive Growth and Poverty Reduction

- Targeted social programs to improve access to education, healthcare, and credit.
- Promotes gender equality, rural development, and social safety nets.

Sustainable Development

- Balances economic growth with environmental conservation.
- Emphasizes renewable resources, green technology, and climate resilience.

Measurement of Development

Quantitative and qualitative tools help assess progress.

GDP and GNP

- Gross Domestic Product (GDP): Total value of goods and services produced within a country.
- Gross National Product (GNP): GDP plus income from abroad.

Human Development Index (HDI)

- Combines indicators of health (life expectancy), education, and income.
- Provides a broader perspective on well-being than income alone.

Other Indicators

- Gini coefficient for income inequality.
- Multidimensional Poverty Index (MPI).
- Environmental sustainability metrics.

Challenges in Development Economics

Addressing persistent obstacles is crucial for sustainable progress.

Poverty and Income Inequality

- Deep-rooted poverty requires comprehensive strategies beyond economic growth.

Institutional Weaknesses

- Corruption, poor governance, and lack of capacity hinder development efforts.

External Shocks and Globalization

- Economic crises, commodity price fluctuations, and climate change impact developing economies.

Environmental Sustainability

- Balancing growth with ecological preservation remains a significant challenge.

Conclusion

Notes for a course in development economics provide a comprehensive understanding of the multifaceted nature of economic development. From historical theories to contemporary policies, mastering these concepts enables students to analyze and propose effective strategies for fostering sustainable growth in developing countries. Critical areas such as human capital, institutions, technology, and environmental sustainability are at the core of development efforts. As global challenges evolve, the role of development economics becomes increasingly vital in shaping policies that aim for inclusive and sustainable progress worldwide.

By studying these key notes, students can build a solid foundation in development economics and contribute meaningfully to addressing the pressing issues faced by developing nations today.

Notes for a Course in Development Economics

Development economics is a vibrant and crucial field that explores the complex process of improving the economic well-being and quality of life for people in developing countries. As global disparities persist, understanding the economic, social, and political factors that influence development has never been more important. Whether you are a student embarking on this academic journey or a curious reader seeking to grasp the core concepts, these notes aim to provide a comprehensive yet accessible overview of the fundamental principles, theories, and debates in development economics.

What Is Development Economics?

Development economics is a branch of economics that focuses on improving the economic and social conditions in low-income countries. Unlike traditional economics, which primarily concentrates on market efficiencies and growth in developed nations, development economics considers a broader set of issues including poverty, inequality, health, education, and institutional capacity.

Key Objectives of Development Economics:

- To understand the causes and consequences of economic disparities.
- To identify policies that promote sustainable growth.
- To analyze social factors influencing development.
- To evaluate the impact of international aid, trade, and investment.

Historical Perspectives and Evolution of the Field

Development economics has evolved significantly over the decades, shaped by global events, changing paradigms, and new empirical evidence.

Post-World War II and the Rise of Modern Development Economics

After World War II, many countries gained independence, and the global community became increasingly focused on reconstruction and development. The 1950s and 1960s saw the emergence of theories emphasizing modernization, which posited that developing countries could follow the path of Western nations through industrialization, urbanization, and technological advancement.

The Structuralist and Dependency Theories

In the 1960s and 1970s, structuralist theories argued that developing countries face structural constraints—such as reliance on primary commodities and limited industrial capacity—that hinder development. Dependency theory challenged the notion of linear progress, emphasizing how colonial history and global economic systems perpetuate underdevelopment in the periphery.

The New Growth and Poverty Approaches

In recent decades, the focus shifted toward understanding growth dynamics and poverty alleviation. The introduction of human capital theory, institutional economics, and the Sustainable Development Goals (SDGs) reflects a more holistic approach to development.

Core Concepts and Theories in Development Economics

To grasp development economics, it's essential to understand its foundational concepts and models.

Economic Growth versus Development

- Economic Growth: An increase in a country's output of goods and services, typically measured by Gross Domestic Product (GDP).
- Development: Broader improvements in living standards, including health, education, and income distribution.

While growth is necessary for development, it does not automatically lead to better social outcomes. For example, a country may experience economic growth but still face high inequality or poor health indicators.

Human Capital Theory

This theory emphasizes investing in people—through education, health, and skills—as a key driver of development. A healthier, better-educated workforce is more productive and innovative.

The Lewis Model of Structural Change

Proposed by Sir W. Arthur Lewis, this model describes a transition from a traditional, agriculture-based economy to a modern, industrialized one. It highlights the movement of labor from low-productivity sectors to higher-productivity manufacturing and services.

Dependency and World-Systems Theories

These frameworks analyze the global economic system, emphasizing how historical and structural factors?like colonialism and multinational corporations?affect development trajectories.

Key Indicators and Measurement Tools

Development economists rely on various indicators to assess the progress and challenges faced by countries.

- Gross Domestic Product (GDP): Total value of goods and services produced.
- Gini Coefficient: Measures income inequality, from 0 (perfect equality) to 1 (perfect inequality).
- Human Development Index (HDI): Combines income, health (life expectancy), and education measures.
- Poverty Line: The income threshold below which individuals are considered poor; often set at \$1.90 per day internationally.

Understanding these metrics helps policymakers and researchers identify priorities and evaluate the impact of interventions.

Major Challenges in Developing Countries

Development economics aims to address multiple interconnected issues:

Poverty and Inequality

Despite economic growth, many nations face persistent poverty. Addressing systemic inequality requires targeted policies in education, health, and social protection.

Health and Education

Poor health outcomes and limited access to quality education hinder human capital development. Diseases like malaria and HIV/AIDS, alongside inadequate schooling, impede economic progress.

Infrastructure Deficits

Limited infrastructure?such as roads, electricity, and sanitation?restricts economic activity and access to services.

Political Instability and Governance

Corruption, weak institutions, and conflict undermine development efforts, making policy

implementation difficult.

Environmental Sustainability

Balancing economic growth with environmental conservation is critical, especially as climate change disproportionately affects vulnerable nations.

Policy Tools and Strategies for Development

Effective development policies are multifaceted and context-specific. Some common approaches include:

- Industrialization and Diversification: Promoting manufacturing and reducing dependence on commodities.
- Human Capital Investment: Improving education and healthcare systems.
- Microfinance and Financial Inclusion: Providing small loans and banking services to the poor.
- Trade Policies: Facilitating access to international markets and fair trade practices.
- Foreign Aid and Aid Effectiveness: Providing targeted assistance with transparency and accountability.
- Institution Building: Strengthening governance, legal systems, and property rights.

The Role of International Organizations and Aid

Organizations like the World Bank, International Monetary Fund (IMF), United Nations, and regional development banks play significant roles in shaping development policies and providing financial support. However, debates persist about aid effectiveness, conditionalities, and potential dependency.

Controversies and Debates in Development Economics

The field is rife with contentious issues:

- Growth vs. Equity: Should policies prioritize overall growth or redistribution?
- Top-down vs. Bottom-up Approaches: The effectiveness of government-led initiatives versus community-driven projects.
- Conditionalities of Aid: The impact of tying aid to policy reforms.
- Neoclassical vs. Heterodox Approaches: Divergent views on the best models for development.

Understanding these debates is essential for critically evaluating development policies and their

outcomes.

Contemporary Trends and Future Directions

The future of development economics is shaped by several emerging trends:

- Sustainable Development: Integrating environmental sustainability into economic planning.
- Digital Transformation: Leveraging technology to enhance access to education, finance, and healthcare.
- Inclusive Growth: Ensuring that economic benefits reach marginalized groups.
- Climate Change Adaptation: Developing strategies to build resilience against climate impacts.

Moreover, the COVID-19 pandemic has underscored the importance of health systems and social safety nets, prompting a renewed focus on resilience and crisis preparedness.

Final Thoughts

Notes for a course in development economics reveal a discipline that is both theoretically rich and practically vital. It combines insights from diverse fields—economics, sociology, political science—to understand the multifaceted nature of development. As the world continues to grapple with inequality, environmental challenges, and social upheavals, the insights gained from development economics will be indispensable in crafting policies that foster equitable and sustainable progress.

Whether you're studying for exams or seeking to contribute to meaningful change, a solid grasp of these core principles provides a foundation for understanding how to support the growth and well-being of nations and their people. Development economics is not just about numbers; it's about improving lives through informed, compassionate, and effective policies.

Question What are the main objectives of development economics? Development economics aims to understand the economic growth of countries, reduce poverty and inequality, improve living standards, and identify policies that foster sustainable development. How does the concept of human capital influence development strategies? Human capital, which includes education, health, and skills, is crucial for economic productivity and innovation. Investing in human capital can accelerate development by enhancing labor quality and fostering technological progress. What role do institutions play in economic development? Strong and inclusive institutions—such as effective legal systems, property rights, and governance—are essential for creating a stable environment that encourages investment, reduces corruption, and promotes sustainable growth. How does foreign aid impact developing economies? Foreign aid can provide vital resources for development projects, but its effectiveness depends on proper implementation, governance, and alignment with local needs. Over-reliance may lead to dependency, while well-targeted aid can

stimulate growth. What are the key challenges faced by developing countries in achieving sustainable development? Challenges include poverty, inequality, inadequate infrastructure, political instability, environmental degradation, and limited access to quality education and healthcare. How does income inequality affect economic development? High income inequality can hinder development by reducing social cohesion, limiting access to opportunities, and causing social unrest, which can deter investment and economic progress. What is the significance of the Sustainable Development Goals (SDGs) in development economics? The SDGs provide a global framework for addressing issues like poverty, inequality, climate change, and health, guiding policies and investments toward holistic and sustainable development. How do external shocks, like global financial crises, impact developing economies? External shocks can disrupt capital flows, reduce demand for exports, and strain public finances, often exacerbating poverty and slowing growth in developing countries. What is the role of technology and innovation in development economics? Technology and innovation drive productivity, improve access to services, and open new markets, playing a vital role in accelerating economic development and reducing poverty.

Related keywords: development economics, economic growth, poverty alleviation, market failures, microfinance, public policy, income distribution, human capital, international trade, economic development strategies

department of economics economics by

Department of Economics Economics By is a comprehensive academic discipline dedicated to understanding how societies allocate scarce resources to meet unlimited wants and needs. As a fundamental pillar of social sciences, economics explores the mechanisms behind production, distribution, and consumption of goods and services. The department of economics plays a vital role in shaping policies, fostering research, and developing analytical tools that help address complex economic challenges in both local and global contexts.

In this article, we delve into the multifaceted world of the department of economics, examining its core functions, academic offerings, research areas, career prospects, and its significance in today's interconnected world.

Understanding the Department of Economics

The department of economics is an academic division within universities and colleges that focuses on teaching and research related to economic theories, models, and applications. It aims to equip students with critical thinking skills, quantitative analysis capabilities, and an understanding of economic principles that influence decision-making at individual, corporate, and governmental

levels.

Core Objectives of the Department

- To provide a solid foundation in economic theories and principles
- To develop analytical and quantitative skills for economic analysis
- To foster research and innovation in economic thought
- To prepare students for careers in academia, government, finance, and industry
- To contribute to policy development and societal well-being

Key Components of the Department

- **Undergraduate Programs:** Bachelor's degrees in Economics, often combined with other disciplines
- **Graduate Programs:** Master's and Ph.D. programs focusing on advanced research and specialization
- **Research Centers:** Facilities dedicated to applied research, policy analysis, and economic modeling
- **Faculty:** Professors, researchers, and industry experts who contribute to teaching and scholarly work

Academic Offerings and Specializations

The department of economics offers a range of academic programs designed to cater to diverse interests and career goals. These programs often include core courses, electives, and specialization tracks.

Undergraduate Programs

- Bachelor of Arts (BA) or Bachelor of Science (BS) in Economics
- Combined degrees (e.g., Economics and Political Science, Economics and Business)
- Focus on foundational economic theories, mathematics, and statistics

Graduate Programs

- Master of Economics (ME) or Master of Business Economics
- Ph.D. in Economics for those interested in academic or high-level research careers

- Emphasis on econometrics, microeconomic and macroeconomic theory, and policy analysis

Specializations and Research Areas

- Microeconomics
- Macroeconomics
- Development Economics
- International Economics
- Environmental Economics
- Behavioral Economics
- Public Economics
- Financial Economics
- Health Economics

Research and Impact of the Department of Economics

Research is a cornerstone of the department of economics. Faculty and students often collaborate on projects that influence policy and improve understanding of economic phenomena.

Key Research Areas

- **Economic Development:** Strategies for improving living standards and reducing poverty
- **Public Policy:** Taxation, government spending, and social welfare programs
- **Financial Markets:** Market efficiency, banking stability, and investment analysis
- **Environmental Economics:** Sustainable development and resource management
- **Labor Economics:** Employment, wages, and labor market policies

Impact on Society and Policy

- Informing government policies to foster economic stability and growth
- Providing insights into global trade and financial systems
- Addressing pressing issues such as inequality, climate change, and economic crises
- Supporting development initiatives through empirical research

Career Opportunities for Economics Graduates

Graduates from the department of economics are highly sought after in various sectors due to their analytical skills and understanding of economic systems.

Potential Career Paths

- Economist in government agencies or international organizations
- Financial analyst or investment banker
- Policy advisor or consultant
- Research analyst in think tanks and research institutions
- Academic researcher or university professor
- Data analyst or quantitative analyst in tech firms
- Entrepreneur or business strategist

Skills Developed

- Quantitative and statistical analysis
- Critical thinking and problem-solving
- Data interpretation and economic modeling
- Policy analysis and evaluation
- Effective communication of complex ideas

The Significance of the Department of Economics in Today's World

In an era characterized by rapid technological advancements, globalization, and complex economic challenges, the department of economics holds immense importance.

Addressing Global Challenges

- Climate change and environmental sustainability
- Economic inequality and social justice
- Financial stability and crisis prevention
- Technological disruptions and workforce adaptation

Fostering Innovation and Policy Development

- Utilizing big data and machine learning for economic forecasting
- Designing effective fiscal and monetary policies
- Promoting sustainable economic growth

Enhancing Decision-Making

- Providing governments and businesses with evidence-based insights
- Supporting informed policy-making to improve societal welfare

Conclusion

The department of economics, often described as "economics by," is a vital academic field that combines theoretical knowledge with practical application. Its diverse programs, rigorous research, and societal impact make it an essential component of higher education institutions worldwide. Whether students seek careers in policy, finance, academia, or industry, a solid foundation in economics opens doors to influential and rewarding opportunities. As the world faces ongoing economic uncertainties and transformations, the role of the department of economics remains more relevant than ever, guiding informed decision-making and fostering sustainable development for future generations.

Department of Economics

Introduction: The Significance of a Robust Economics Department

In the landscape of higher education, the Department of Economics stands as a cornerstone for cultivating analytical thinkers, policy advisors, and innovative researchers. Renowned for its comprehensive curriculum, distinguished faculty, and research output, an economics department not only shapes students' understanding of markets and human behavior but also influences societal and governmental policies globally. As an expert review, this article explores the critical elements that define a top-tier economics department, evaluates its core strengths, and highlights the transformative role it plays in academic and real-world settings.

Core Components of an Exemplary Economics Department

An effective economics department encompasses several fundamental components that together create an environment conducive to academic excellence, research innovation, and student development. These include faculty expertise, curriculum design, research facilities, industry collaboration, and student support services.

Faculty Expertise and Leadership

At the heart of any department lies its faculty. An outstanding economics department boasts a diverse faculty with expertise spanning various subfields such as macroeconomics, microeconomics, econometrics, development economics, behavioral economics, and international economics.

Key attributes include:

- Academic Credentials: Faculty members often hold doctorates from leading institutions, ensuring a high level of scholarship and credibility.
- Research Contributions: Professors actively publish in top-tier journals, influence policy, and participate in renowned conferences.
- Diverse Perspectives: Inclusion of economists from different cultural, geographic, and theoretical backgrounds fosters a richer learning environment.
- Mentorship and Teaching Excellence: Faculty committed to mentoring students and fostering critical thinking are pivotal to student success.

Curriculum Design and Educational Approach

A well-structured curriculum balances foundational theories with contemporary issues, emphasizing both quantitative and qualitative skills.

Features of a comprehensive curriculum:

- Core Courses: Microeconomics, macroeconomics, statistics, and econometrics form the backbone.
- Electives and Specializations: Fields like environmental economics, health economics, financial economics, and behavioral economics allow students to tailor their studies.
- Practical Skills: Emphasis on data analysis, programming (e.g., R, Python), and policy evaluation.
- Interdisciplinary Integration: Courses that intersect with politics, sociology, and technology prepare students for complex real-world problems.

Innovative Teaching Methods:

- Case studies, simulations, and experiential learning.
- Use of online platforms and digital resources.
- Collaborative projects with industry and government agencies.

Research and Innovation Infrastructure

The vitality of an economics department is reflected in its research output and infrastructure.

Essential elements include:

- Research Centers: Specialized institutes focusing on areas such as development studies, fiscal

policy, or behavioral science.

- Data Facilities: Access to economic databases (e.g., World Bank, IMF, national statistics), labs, and computational resources.
- Funding and Grants: Active pursuit of research funding from governmental and private sources to foster innovative projects.
- Publication and Dissemination: Encouragement of faculty and students to publish findings, participate in conferences, and influence policy debates.

Impact and Global Recognition

A department's reputation is often gauged by its contribution to academia and society at large. Leading economics departments influence policy, contribute to economic modeling and forecasting, and produce influential research that shapes national and international strategies.

Research Output and Publications

High-quality research published in peer-reviewed journals advances economic theory and practice. Departments that consistently produce impactful publications tend to attract top students and faculty.

Notable indicators include:

- Number of publications in top-tier journals.
- Citations and academic influence.
- Interdisciplinary collaborations.

Alumni and Industry Connections

Strong industry networks and alumni success stories serve as testimonials to a department's quality.

Alumni roles include:

- Policy advisors at governmental agencies.
- Economists in international organizations like the IMF or World Bank.
- Researchers at think tanks and academia.
- Leaders in finance, consulting, and entrepreneurship.

Special Features of Leading Economics Departments

Some departments distinguish themselves through unique offerings and strategic initiatives.

Interdisciplinary Programs

Integrating economics with data science, political science, public health, or environmental studies prepares students for multifaceted challenges.

Global Engagement and Partnerships

Collaborations with international universities, research institutions, and governmental bodies foster cross-cultural exchanges and joint research initiatives.

Focus on Policy and Society

Departments emphasizing policy implications and societal impact train students to become change agents.

Activities include:

- Policy labs.
- Consulting projects.
- Public seminars and forums.

Emphasis on Sustainability and Ethics

Incorporating environmental and ethical considerations into economic analysis aligns with global priorities on sustainable development.

Choosing the Right Economics Department: What Prospective Students Should Consider

For students contemplating their academic future, understanding the strengths and focus areas of a department is crucial.

Key considerations:

- Faculty expertise and research interests.
- Curriculum flexibility and specialization options.
- Research opportunities and funding availability.

- Industry and internship partnerships.
- Graduate success rates and employment outcomes.
- International exposure and exchange programs.

Conclusion: The Transformative Power of a Strong Economics Department

In an era marked by rapid technological change, global interconnectedness, and complex economic challenges, a robust Department of Economics serves as a vital engine for knowledge creation and societal progress. Whether through pioneering research, shaping policy, or preparing future leaders, top-tier departments exert a profound influence that extends well beyond university walls.

Investing in an exceptional economics department is not merely about academic excellence; it is about fostering a deeper understanding of human behavior, societal dynamics, and sustainable development. As stakeholders—students, educators, policymakers, and society at large—recognize its significance, the department's role in shaping a better future becomes ever more essential.

In summary, a distinguished Department of Economics combines expert faculty, innovative curricula, extensive research infrastructure, and societal engagement to produce influential scholars and policymakers. Its impact resonates in the corridors of academia and the corridors of power, making it a pivotal element in addressing the economic challenges of today and tomorrow.

Question What is the primary focus of the Department of Economics? The Department of Economics primarily focuses on studying how individuals, businesses, and governments make choices regarding the allocation of resources, analyzing economic behavior, and understanding market dynamics. How does the Department of Economics by university contribute to student career development? It provides students with analytical skills, economic theory knowledge, and practical experience through research and internships, preparing them for careers in finance, policy analysis, consulting, and academia. What are the key courses offered by the Department of Economics? Key courses typically include Microeconomics, Macroeconomics, Econometrics, Development Economics, International Economics, and Public Policy. How does the Department of Economics incorporate current economic trends into its curriculum? It updates its curriculum regularly to include topics like behavioral economics, digital currencies, global trade issues, and sustainability to ensure students are engaged with contemporary economic challenges. What research areas are prominent within the Department of Economics? Prominent research areas include behavioral economics, environmental economics, health economics, development economics, and monetary policy. How can students engage with the Department of Economics beyond coursework? Students can participate in research projects, internships, economics clubs, seminars, and conferences organized by the department to enhance their practical understanding and network with professionals.

Related keywords: economics department, economics courses, economics faculty, economics

research, economics programs, economics majors, economics degree, economics faculty list, economics research topics, economics university

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