

COMPUTER NETWORKS 5TH EDITION

TANENBAUM

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What are the five computer networks? There are many types of computer networks, the common types of area networks including those five: LAN - Local Area Network, WAN - Wide Area Network, WLAN - Wireless Local Area Network, MAN - Metropolitan Area Network and CAN - Campus Area Network. LAN (Local Area Network) - Can go up to 1 KM radius.

What is networking pdf? Networking is referred as connecting computers electronically for the purpose of sharing information. Resources such as files, applications, printers and software are common information shared in a networking.

What is networking in a computer network? Computer networking refers to interconnected computing devices that can exchange data and share resources with each other. These networked devices use a system of rules, called communications protocols, to transmit information over physical or wireless technologies. Let's answer some common computer networking FAQs.

What are the advantages of computer networks?

What is the most common computer network? Local Area Network (LAN) LAN is the most frequently used network. A LAN is a computer network that connects computers through a common communication path, contained within a limited area, that is, locally. A LAN encompasses two or more computers connected over a server.

What are the 12 types of computer networks?

What is networking in one word? 1. : the exchange of information or services among individuals, groups, or institutions. specifically : the cultivation of productive relationships for employment or business.

What is the difference between a LAN and a WAN? LAN means local area network. WAN means wide area network. LANs connect users and applications in close geographical proximity (same building). WANs connect users and applications in geographically dispersed locations (across the globe).

What are the three essential networking basics? The foundations of networking: switches, routers, and wireless access points. Switches, routers, and wireless access points are the essential networking basics. Through them, devices connected to your network can communicate with one another and with other networks, like the Internet.

Who is the owner of the Internet? Background. No one person, company, organization or government runs the Internet. It is a globally distributed network comprising many voluntarily interconnected autonomous networks. It operates without a central governing body with each constituent network setting and enforcing its own policies.

What is the main purpose of computer networking? Computer networks are generally used to allow devices within the network to transmit, exchange or otherwise share information and resources with one another. Networks may be set up to connect the devices within a home or business environment, all the way up to connecting a nationwide or global enterprise.

What is the difference between network and Internet? A network is a connection of two or more computers or devices that allows for internal communication and collaboration between the users of those devices. The internet is a global connection of multiple networks that allows a user to access information and data remotely.

What are the 5 disadvantages of a computer network? The cons of computer networks encompass security vulnerabilities, potential for data breaches, network congestion, reliability issues, and dependency on network infrastructure. Additionally, network downtime can disrupt operations and lead to productivity losses.

What is HTTP in computer network? The Hypertext Transfer Protocol (HTTP) is the foundation of the World Wide Web, and is used to load webpages using hypertext links. HTTP is an application layer protocol designed to transfer information between networked devices and runs on top of other layers of the network protocol stack.

Why do we need a network? Networks allow computers to share and access resources with other computing devices connected to it. Data and information: Networks allow computers to share data and information.

What are 5 network devices?

How do I network 5 computers?

What are any five components of computer network? Computer network components are the major parts which are needed to install the software. Some important network components are NIC, switch, cable, hub, router, and modem.

What are the five network topologies?

What is the eclipse RCP application? Eclipse RCP (Rich Client Platform) applications, use the Eclipse framework to create feature-rich stand-alone desktop applications. An Eclipse application consists of individual software components, called plug-ins. Plug-ins can use and extend other plug-ins.

How to install eclipse rcp?

What is RCP in software? The rich client platform (RCP) is a programmer tool that makes it easier to integrate independent software components, where most of the data processing occurs on the client side.

What is Eclipse client? The client version of ECLIPSE sends requests for data and does not read data directly. For example, suppose you select a patient from the rolodex with 1000 account entries in her ledger. Each read operation involves: Check the index to see if entries exist for this patient.

What is Eclipse app used for? Eclipse is an integrated development environment (IDE) used in computer programming. It contains a base workspace and an

extensible plug-in system for customizing the environment.

How to install Eclipse platform?

What is org Eclipse JFace? JFace is defined by the Eclipse project as "a UI toolkit that provides helper classes for developing UI features that can be tedious to implement." The Standard Widget Toolkit (SWT) is an open source widget toolkit for Java designed to provide efficient, portable access to the user-interface facilities of the operating ...

How do I install Eclipse plugins?

What is a rich client application? In computer networking, a rich client (also called a heavy, fat or thick client) is a computer (a "client" in client–server network architecture) that typically provides rich functionality independent of the central server.

What is an RCP device? RCP (chip), a co-processor chip designed by Silicon Graphics for use in the Nintendo 64 gaming system. rcp (Unix), a command on the Unix operating systems that is used to remote copy a file. Rapid control prototyping, a process that lets engineers quickly test and iterate their control strategies.

What is the meaning of RCP in computer? Remote procedure call (RCP) refers to a communication protocol that allows a computer program to execute a procedure (or a function) on a remote system or server. It enables programs running on different computers or operating systems to communicate and collaborate seamlessly.

What is the use of Eclipse plugin? The Eclipse plugins generate files that are used by the Eclipse IDE, thus making it possible to import the project into Eclipse (File - Import... ? - Existing Projects into Workspace). The eclipse-wtp is automatically applied whenever the eclipse plugin is applied to a War or Ear project.

What is Eclipse accounting software? Eclipse ERP is a real-time transaction processing accounting software used for order fulfillment, inventory control, accounting, purchasing, and sales. It was created for wholesale distributors in the Electrical, HVAC, Plumbing, and PVF industries, but is used by a wide range of market sectors.

What is the full form of RCP software? Rapid control prototyping applications. Rapid Control Prototyping (RCP) is a test and development methodology used to accelerate the design process by using model-based design to test a control strategy on physical hardware early in the design process.

What is Eclipse in open source software? What is Eclipse? Eclipse is an open source community whose projects are focused on building an extensible development platform, runtimes and application frameworks for building, deploying and managing software across the entire software lifecycle.

Apa yg dimaksud finance accounting? Financial accounting atau akuntansi keuangan adalah suatu bidang dalam akuntansi yang bertanggung jawab untuk mencatat, menganalisis, dan melaporkan transaksi keuangan suatu entitas atau organisasi.

Apa yang dimaksud dengan basic accounting? Basic Accounting merupakan program pelatihan untuk memberikan pemahaman yang komprehensif tentang laporan keuangan. Dasar yang digunakan adalah Pernyataan Standard Akuntansi Keuangan (PSAK). Siapapun yang ingin sukses berbisnis wajib memahami dasar-dasar akuntansi, karena akuntansi adalah bahasa bisnis.

Financial accounting ada apa saja?

Apa beda nya finance dan accounting? Finance berfokus pada pengelolaan dana dan pengambilan keputusan investasi, sementara akuntansi bertanggung jawab untuk mencatat dan melaporkan data keuangan. Keduanya memiliki peran penting dalam mencapai tujuan keuangan perusahaan.

Accounting terdiri dari apa saja?

Apa perbedaan MYOB accounting dan basic? MYOB Business Basics yaitu software akuntansi untuk perusahaan skala kecil atau bisnis rumahan. MYOB Accounting yaitu software akuntansi untuk perusahaan dagang dan jasa.

Intermediate accounting itu apa? Pada dasarnya Intermediate Accounting (Akuntansi Menengah) merupakan pengetahuan yang menjembatani antara pengetahuan tentang Elementary Accounting (Pengantar Akuntansi) dengan

Advance Accounting (Akuntansi Lanjutan).

Apa tugas finance accounting staff? Sebagai Accounting Staff, Anda akan bertanggung jawab memeriksa dan melakukan verifikasi transaksi keuangan perusahaan, melakukan pencatatan dan dokumentasi, serta bertugas menyusun laporan keuangan secara akurat.

Kerja Bagian finance itu apa? Melakukan transaksi keuangan perusahaan. Melakukan pembayaran kepada supplier. Berhubungan dengan pihak internal maupun eksternal terkait dengan aktivitas keuangan perusahaan. Mengontrol aktivitas keuangan / transaksi keuangan perusahaan.

Berapa gaji staff accounting? Apa yang bisa saya peroleh sebagai Akuntan? Gaji bulanan rata-rata untuk pekerjaan Akuntan di Indonesia berkisar dari Rp 4.560.000 hingga Rp 6.580.000.

Berapa gaji staf finance? Kisaran gaji staff finance di Indonesia bervariasi tergantung pada ukuran perusahaan, lokasi, dan tingkat pengalaman. Pada umumnya, posisi entry-level dapat memperoleh gaji mulai dari Rp4.000.000 hingga Rp8.000.000 per bulan, sementara posisi manajerial atau senior dapat mencapai Rp20.000.000 atau lebih per bulan.

What observations led to the proposal of continental drift? Wegener used fossil evidence to support his continental drift hypothesis. The fossils of these organisms are found on lands that are now far apart. Grooves and rock deposits left by ancient glaciers are found today on different continents very close to the equator.

When continental crusts begin to separate, the stretched crust forms a long, narrow depression.? When continental crust begins to separate, the stretched crust forms a long, narrow depression called a rift valley.

Why was the idea of moving continents more widely accepted after seafloor spreading was proposed? Alfred Wegener produced evidence in 1912 that the continents are in motion, but because he could not explain what forces could move them, geologists rejected his ideas. Almost 50 years later Harry Hess confirmed Wegener's ideas by using the evidence of seafloor spreading to explain what moved continents.

Which epoch has seen the least fluctuation between normal and reverse polarity? The Brunhes epoch has seen the least fluctuation between normal and reverse magnetic polarity. It started around 780,000 years ago and persists until today with mainly stable 'normal' polarity.

What are the 4 main pieces that led to the theory of continental drift? Alfred Wegener, in the first three decades of this century, and DuToit in the 1920s and 1930s gathered evidence that the continents had moved. They based their idea of continental drift on several lines of evidence: fit of the continents, paleoclimate indicators, truncated geologic features, and fossils.

What was the answer to the continental drift theory? The continental drift hypothesis (introduced by Alfred Wegener in 1912) states that at one point in time, all of the continents were joined together as one large mass of land, then the land spread apart and drifted into their current positions.

What type of plate boundary causes a rift valley? Divergent plate boundaries, which are associated with the formation of rift valleys, occur when plates move away from one another.

What are the 4 types of plate boundaries? There's four main types you'll need to know. These are constructive, destructive, collision and conservative - these basically are just different ways that two tectonic plates could interact. Constructive (also known as divergent) is the two plates pulling apart away from each other (or diverging).

What happens to the thickness of the continental crust when two continents collide? Plates Collide When two plates carrying continents collide, the continental crust buckles and rocks pile up, creating towering mountain ranges. The Himalayas were born when the Indian subcontinent smashed into Asia 45 million years ago. The Himalayas are still rising today as the two plates continue to collide.

How did the discovery of seafloor spreading support the theory of continental drift? This “recycling” process, later named “seafloor spreading,” carries off older sediment and fossils, and moves the continents as new ocean crust spreads away from the ridges. Supporting Wegener's theory of continental drift, Hess explained

how the once-joined continents had separated into the seven that exist today.

What was a major challenge faced by Wegener's theory of continental drift?

Proposed Mechanism for Continental Drift Wegener's work was considered a fringe science theory for his entire life. One of the biggest flaws in his hypothesis was the inability to provide a mechanism for how the continents moved.

Which two pieces of fossil evidence support the idea of continental drift?

One of the most compelling lines of evidence in support of continental drift came from the fossil record. In particular, very similar types of fossils were found in now far-flung regions of the world. Two examples include the aquatic reptile Mesosaurus and the plant Glossopteris.

How does magnetic reversal support seafloor spreading?

When the Earth's magnetic field reverses, a new stripe, with the new polarity, begins. Such magnetic patterns led to recognition of the occurrence of sea-floor spreading, and they remain some of the strongest evidence for the theory of plate tectonics.

What does seafloor spreading create?

Seafloor Spreading is the usual process at work at divergent plate boundaries, leading to the creation of new ocean floor. As two tectonic plates slowly separate, molten material rises up from within the mantle to fill the opening.

How fast do plates move relative to each other?

They can move at rates of up to four inches (10 centimeters) per year, but most move much slower than that. Different parts of a plate move at different speeds. The plates move in different directions, colliding, moving away from, and sliding past one another. Most plates are made of both oceanic and continental crust.

How do convection currents drive the movement of tectonic plates?

In places where convection currents rise up towards the crust's surface, tectonic plates move away from each other in a process known as seafloor spreading (Fig. 7.21). Hot magma rises to the crust's surface, cracks develop in the ocean floor, and the magma pushes up and out to form mid-ocean ridges.

How are divergent plate boundaries formed?

A divergent boundary occurs when two tectonic plates move away from each other. Along these boundaries,

earthquakes are common and magma (molten rock) rises from the Earth's mantle to the surface, solidifying to create new oceanic crust. The Mid-Atlantic Ridge is an example of divergent plate boundaries.

How is movement of tectonic plates measured? Since plate motions are at a global scale, they are best measured by satellite-based methods. The three most commonly used space-based techniques are: very long baseline interferometry (VLBI), satellite laser ranging (SLR), and the Global Positioning System (GPS).

What causes tectonic plates to move? The plates can be thought of like pieces of a cracked shell that rest on the hot, molten rock of Earth's mantle and fit snugly against one another. The heat from radioactive processes within the planet's interior causes the plates to move, sometimes toward and sometimes away from each other.

What are tectonic plate boundaries? A tectonic plate boundary is the border between two plates. The tectonic plates slowly and constantly move but in many different directions. Some are moving toward each other, some are moving apart, and some are grinding past each other.

Which two continents have the most obvious fit? There are several compelling pieces of evidence: Puzzle-like fit of the continents. In several cases, modern shorelines of continents look as though they were once joined. The most obvious "fit" is between the east coast of South America and the west coast of Africa.

What are the observations of continental drift? One type of evidence that strongly supported the Theory of Continental Drift is the fossil record. Scientists have found fossils of similar types of plants and animals in rocks of similar age. These rocks were on the shores of different continents. This suggests that the continents were once joined.

Why was the continental drift theory proposed? Fossils of similar organisms across widely disparate continents encouraged the revolutionary theory of continental drift. Continental drift describes one of the earliest ways geologists thought continents moved over time.

Which of these observations support the theory of continental drift? Final answer: The theory of continental drift is largely supported by evidence from the

matching shapes of continents like Africa and South America, and by common fossils and vegetation found across different continents, suggesting they were once joined.

What are two observations about continents? The two key observations used as evidence for the idea of continental drift were the matching shapes of continents, like South America and Africa, and the presence of identical fossils across different continents.

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