

Making Connections High Intermediate Answer Key

Telephone switchboard

routings through intermediate cities. The operator would plug into a trunk for the destination city, and the inward operator would answer. The inward operator

A telephone switchboard is a device used to connect circuits of telephones to establish telephone calls between users or other switchboards. The switchboard is an essential component of a manual telephone exchange, and is operated by switchboard operators who use electrical cords or switches to establish the connections.

The switchboard saw the peak of its use in the 20th century before wider adoption of the electromechanical automatic telephone exchange. The automatic exchange, invented by Almon Strowger in 1888, has replaced most switchboards in central telephone exchanges around the world.

Nevertheless, many manual branch exchanges remained operational into the second half of the 20th century in many enterprises. Some establishments, such as the White House, still operate a switchboard....

Hyphanet

"darknet" and "opennet" connections. Opennet connections are made automatically by nodes with opennet enabled, while darknet connections are manually established

Hyphanet (until mid-2023: Freenet) is a peer-to-peer platform for censorship-resistant, anonymous communication. It uses a decentralized distributed data store to keep and deliver information, and has a suite of free software for publishing and communicating on the Web without fear of censorship. Both Freenet and some of its associated tools were originally designed by Ian Clarke, who defined Freenet's goal as providing freedom of speech on the Internet with strong anonymity protection.

The distributed data store of Freenet is used by many third-party programs and plugins to provide microblogging and media sharing, anonymous and decentralised version tracking, blogging, a generic web of trust for decentralized spam resistance, Shoeshop for using Freenet over sneakernet, and many more.

Real-time Delphi

and advanced computer aided design possibilities (e.g. high-speed internet connections, high definition graphic, and advanced processor performance)

Real-time Delphi (RTD) is an advanced form of the Delphi method. The advanced method "is a consultative process that uses computer technology" to increase efficiency of the Delphi process.

Rowland Heights, California

Technology Academy Middle/Intermediate Schools Alvarado Intermediate School 7-8 Giano Intermediate School 7-8 Rincon Intermediate School 7-8

(Closed, but

Rowland Heights is an unincorporated community and census designated place (CDP) in and below the Puente Hills in the San Gabriel Valley, in Los Angeles County, California, United States. The population was 48,231 at the 2020 census. Rowland Heights is in the Los Angeles metropolitan area and represented by the County of Los Angeles (County Board of Supervisors) and is the second largest census designated place in Los Angeles County by area, behind Topanga, and the county's fifth largest CDP by population. The area has a high Taiwanese population and was known as "Little Taipei" in the 1980s and 1990s, when it saw an influx of wealthy immigrants from Taiwan.

A number of corporations, such as Newegg, FedEx, DIRECTV, and Fashion Nova, as well as other technology and import and export businesses...

Telephone exchange

for toll or switch-to-switch connections, and the Class 5 telephone switches or subscriber switches, which manage connections from subscriber telephones

A telephone exchange, telephone switch, or central office is a central component of a telecommunications system in the public switched telephone network (PSTN) or in large enterprises. It facilitates the establishment of communication circuits, enabling telephone calls between subscribers. The term "central office" can also refer to a central location for fiber optic equipment for a fiber internet provider.

In historical perspective, telecommunication terminology has evolved with time. The term telephone exchange is often used synonymously with central office, a Bell System term. A central office is defined as the telephone switch controlling connections for one or more central office prefixes. However, it also often denotes the building used to house the inside plant equipment for multiple...

Transmission Control Protocol

number of outgoing connections from each of the client's IP addresses. If an application fails to properly close unrequired connections, a client can run

The Transmission Control Protocol (TCP) is one of the main protocols of the Internet protocol suite. It originated in the initial network implementation in which it complemented the Internet Protocol (IP). Therefore, the entire suite is commonly referred to as TCP/IP. TCP provides reliable, ordered, and error-checked delivery of a stream of octets (bytes) between applications running on hosts communicating via an IP network. Major internet applications such as the World Wide Web, email, remote administration, file transfer and streaming media rely on TCP, which is part of the transport layer of the TCP/IP suite. SSL/TLS often runs on top of TCP.

TCP is connection-oriented, meaning that sender and receiver firstly need to establish a connection based on agreed parameters; they do this through...

Eiffel (programming language)

direct connection between Eiffel and C. However, many Eiffel compilers (Visual Eiffel is one exception) emit C source code as an intermediate language

Eiffel is an object-oriented programming language designed by Bertrand Meyer (an object-orientation proponent and author of Object-Oriented Software Construction) and Eiffel Software. Meyer conceived the language in 1985 with

the goal of increasing the reliability of commercial software development. The first version was released in 1986. In 2005, the International Organization for Standardization (ISO) released a technical standard for Eiffel.

The design of the language is closely connected with the Eiffel programming method. Both are based on a set of principles, including design by contract, command-query separation, the uniform-access principle, the single-choice principle, the open-closed principle, and option-operand separation.

Many concepts initially introduced by Eiffel were later...

The School and Society

century other culture as well. Another gap exists between the intermediate school and the high school, which is largely a preparatory academy for entry into

The School and Society: Being Three Lectures (1899) was John Dewey's first published work of length on education. A highly influential publication in its own right, it would also lay the foundation for his later work. In the lectures included in the initial publication, Dewey proposes a psychological, social, and political framework for progressive education. Notably, this includes collaborative practical experimentation as the central element of school work. He argues that the progressive approach is both an inevitable product of the Industrial Revolution and a natural fit with the psychology of children. A final chapter details some of the experiments done at the University of Chicago Laboratory Schools.

Articles in the 1915 edition extended his argument with reprints of Dewey's work published...

List of cognitive biases

similar information relating to others. In an opinion reporting task, people answer questions regarding their beliefs or opinions on political, moral, or social

In psychology and cognitive science, cognitive biases are systematic patterns of deviation from norm and/or rationality in judgment. They are often studied in psychology, sociology and behavioral economics. A memory bias is a cognitive bias that either enhances or impairs the recall of a memory (either the chances that the memory will be recalled at all, or the amount of time it takes for it to be recalled, or both), or that alters the content of a reported memory.

Explanations include information-processing rules (i.e., mental shortcuts), called heuristics, that the brain uses to produce decisions or judgments. Biases have a variety of forms and appear as cognitive ("cold") bias, such as mental noise, or motivational ("hot") bias, such as when beliefs are distorted by wishful thinking. Both...

Whangaparāoa Peninsula

and 1.2% other religions. People who answered that they had no religion were 54.9%, and 7.7% of people did not answer the census question. Of those at least

The Whangaparāoa Peninsula is a suburban area about 30–50 km north of Auckland, New Zealand. It had 39,140 residents in June 2024. It stretches from Red Beach, where it connects to Kingsway, Orewa and Silverdale, and extends to Army Bay in the Hauraki Gulf. It is part of the Hibiscus Coast. The area is

populated by residents who work on the peninsula, or commute from the area to other parts of the Hibiscus Coast, the North Shore, Rodney district, Auckland CBD and beyond for work. They travel by vehicle, or via the Gulf Harbour ferry at Gulf Harbour Marina, or the Hibiscus Coast Bus Station at Silverdale. There is one main road (Whangaparāoa Road) along its entire length, which is accessible from State Highway 1 via Hibiscus Coast Highway at Silverdale, or from Hibiscus Coast Highway at Orewa...

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