Question

What are the advantages of writing in high-level code compared to machine code?

Answer

High-level code is more understandable than machine code to humans, so it makes the process of

developing a program easier.

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What is a low-level programming language?

Answer

A low-level language is closer to how the computer works.

Question

Describe the type of network that is suitable for 10 or more users.

Answer

Any of the networks could potentially be used, depending on geographic location, security needs, and budget. For example, if the users are geographically spread and require a secure system from

a range of locations, a VPN would be the best system.

Question

Question

What is meant by a network protocol?

Answer

A protocol is, in one sense, nothing more than an agreement that a particular type of data will be

formatted in a particular manner.

Question

What is an IP address?

Answer

An internet protocol address (IP address) is a numerical address assigned to each device (e.g., computer, printer) connected in a computer network.

Question

What is the purpose of a router on a network?

Answer

Routers are small devices that join multiple networks together. A router connects two or more

networks.

Question

Explain the term encryption.

Answer

Encryption is the coding or scrambling of information so that it can only be decoded and read by someone who has the correct decoding key.

Question

What is a bug?

Answer

A bug is an error in a computer program.