**TECHNICAL INTERVIEW QUESTIONS**

Define basic principle of oops

Why java is platform independent

Why we not install jvm

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What are the Java IDE’s?

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Why lambda forms in python does not have statements?

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In Python what are iterators?

What is unittest in Python?

In Python what is slicing?

What are generators in Python?

What is docstring in Python?

How can you copy an object in Python?

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What is negative index in Python?

How you can convert a number to a string?

What is the difference between Xrange and range?

What is module and package in Python?

Mention what are the rules for local and global variables in Python?

How can you share global variables across modules?

Explain how can you make a Python Script executable on Unix?

Explain how to delete a file in Python?

Explain how can you generate random numbers in Python?

Explain how can you access a module written in Python from C?

Mention the use of // operator in Python?

Mention the use of the split function in Python?

Explain what is Flask & its benefits?

Mention what is the difference between Django, Pyramid, and Flask?

Mention what is Flask-WTF and what are their features?

Explain what is the common way for the Flask script to work?

Explain how you can access sessions in Flask?

Explain database connection in Python Flask?

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What is difference between i++ and ++i?

Difference between ++\*p, \*p++ and \*++p

What is volatile keyword?

What is a Network?

What is a Node?

What is Network Topology?

What are Routers?

What is OSI reference model?

What is the difference between Hub, Switch, and Router?

What is HTTP and what port does it use?

What are TCP and UDP?

What is a Firewall?

What is DNS?

What is a Proxy Server and how do they protect the computer network?

What are IP classes and how can you identify the IP class of given a IP address?

What is meant by 127.0.0.1 and local host?

What is Data Encapsulation?

What is the difference between Internet, Intranet, and Extranet?

What are the different types of a network? Explain each briefly.

Differentiate Communication and Transmission?

Define various types of internet connections?

Explain the characteristics of networking?

Name the different types of network topologies and brief its advantages?

How a Switch is different from a Hub?

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What are the flags in 8086?

Why crystal is a preferred clock source?

In 8085 which is called as High order / Low order Register?

What is Tri-state logic?

What happens when HLT instruction is executed in processor?

What is Program counter?

What are the various registers in 8085?

What is 1st / 2nd / 3rd / 4th generation processor?

Explain the main purpose of an operating system?

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Different types of communications? Explain.

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What is diode?

What is transistor?

What is sampling?

State sampling theorem.

What are the advantages of resistors?

What is the principle of microwave?

What is cut-off frequency?

What is pass band?

What is stop band?

Define Power Rating?

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