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Computer Network Lab
Batch - 3
Program - 2

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Interface :- shared boundary across which two or more separate components of a computer system exchange information. It is an end point.

Gateway :- It allows data to flow from one discrete network to another. We specify a gateway address to indicate the information has to be passed through that gateway. For every PC the interface address must be gateway address.

ip address checking → ip config.

Ping is used to determine whether there is a connection between the two devices in a network. It is ICMP pip packet. It's a command to see if destination ip address is alive or not; if interface is alive we get reply.

TTL → time to live ~ indicates max no. of nodes it can pass through before reaching destination.

A packet can stay in a network until request is timed out.

When packet TTL value reaches 0 it isn't forwarded, it will no longer stay in the network.

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