PING COMMAND

➜ WE USE PING COMMAND TO CONNECT ONE DEVICE TO ANOTHER DEVICE

What is PING Command ?

It is a network utility tool to check the connectivity of the host connected on network. Ping measure the time for message sent from the host to destination and echo received back and also it report us the error, packet received or lost information.

HOST A
IP : 192.168.1.10

HOST B
IP : 192.168.1.11

What is PING?

- Ping is a computer network administration software utility used to test the reachability of a host on an Internet Protocol network.
- It is available for virtually all operating systems that have networking capability, including most embedded network administration software.
- Ping stand for Packet InterNet Groper.
- The **ping command** operates by sending Internet Control Message Protocol (ICMP) Echo Request messages to the destination computer and waiting for a response.

ICMP?

- ICMP stand for – Internet Control Message Protocol
- It is a request message to the destination computer

- Ping Send 2 (two) packet at a time.
- ICMP and ARP

ICMP   ARP

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C:\Windows\system32\CMD.exe
Microsoft Windows [Version 10.0.18362.418]
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C:\Users\Anonymous>PING 10.0.0.200
```

10.0.0.100

10.0.0.200