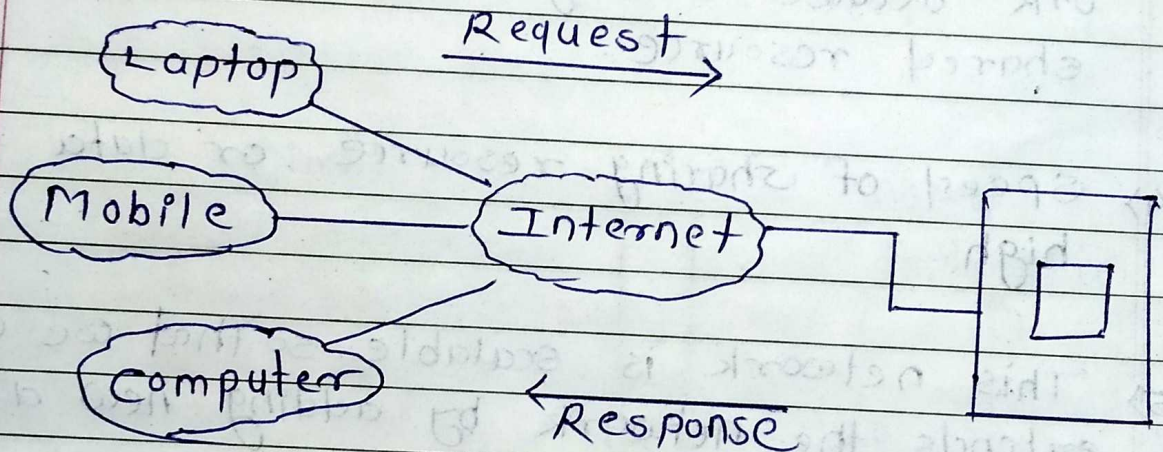


## Client / server Network

- This is a centralized architecture. where central controller is known as a server while all other computers in the network are called clients.
- It is also as request-response architecture. Where clients make a request to the server on server will fulfill the response.



- A server performs all the major responsibilities such as security & network management.
- A server is responsible for managing all the resource such as files, directories, printers.
- All the clients communicate with each other through a server.



## \* Advantages of client / server network

- 1) It is a centralized system. Therefore we can backup the data easily.
- 2) This network has a dedicated server that improves the overall performance of the shared resource whole system.
- 3) Security is better in client / server network because a single server manages the shared resource.
- 4) Speed of sharing resource or data is high.
- 5) This network is scalable so that we can extend the network by adding new devices easily.

## \* Disadvantages of client / server Network.

- 1) Client / server network is expensive as it requires the server with large memory.
- 2) A server has a network operating system (NOS) to provide the resources to the clients, but the cost of NOS is very high.
- 3) It requires a dedicated network administrator to manage all the resource.