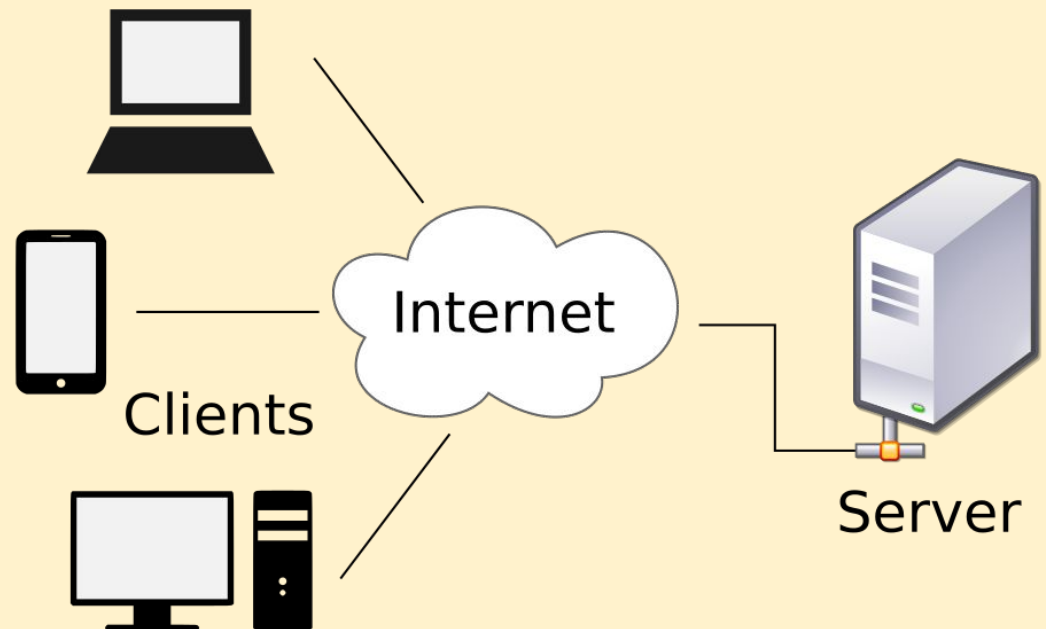# Client-Server Model

Networks operate using a **client-server model**.

Clients: request services

Servers: provide services

Client-Server Model

Client requests a Word file stored on the server, sends a request, server responds by providing the file

Client requests to print a document, print server processes request and sends data to printer

Client-Server Model

E-mail:

Client write an e-mail and sends it (using SMTP) to mail server

Mail server sends to the recipients mail server (using SMTP)

Recipient downloads mail (using IMAP)

Client-Server Model

The client-server relationship operates using the TCP/IP model