

# Network fundamentals

Advanced

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## Assignment #1

### OSI Reference Model

Explain the different layers involved in OSI Reference Model for network communication.

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## Assignment #2

### TCP/IP

Write your understanding of the following:

- IP Packet structure
  - IP v4 Address Classes
  - Different types of computer networks
  - Protocols - SMTP, SNMP, FTP, and HTTP
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## Assignment #3

### IPv4 Address Classes

Explain the feature of Class-D and Class-E IPv4 addressing scheme in detail.

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