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Lab Report 4: IP Addressing Scheme

# Objectives:

* Understand the layers of Ip addresses
* Learnt purpose of schemes
* Familiarize with their range

# Learning:

## Class A:

Class A addresses range from 1.0.0.0 to 126.0.0.0. They are used for very large networks with a few networks and many hosts.

## Class B:

Class B addresses range from 128.0.0.0 to 191.255.0.0. They are used for medium-sized networks with a moderate number of networks and hosts.

## Class C:

Class C addresses range from 192.0.0.0 to 223.255.255.0. They are used for smaller networks with many networks and fewer hosts.

## Class D:

Class D addresses range from 224.0.0.0 to 239.255.255.255. They are reserved for multicast groups, used to send data to multiple destinations.

## Class E:

Class E addresses range from 240.0.0.0 to 255.255.255.255. They are reserved for experimental purposes and are not used in public networks.