

Homework 1

CMP 405: Introduction To Networks

Fall 2021

This assignment is due by 11:59 PM on Tuesday September 14, 2021 by 11:59 pm

The answer to these questions must be entered on Blackboard in:
Homework 1 (Numerical Questions)

1 - Given the following IP addresses (In Hexadecimal), identify (a) the Class, (b) the Network ID, (c) the Host ID of the following IP Addresses, and (d) write each address in dotted decimal notation:

- BB2353AC
- C8A44E04
- 4D4D062E
- D49E8C75
- 5F4B3CA8
- 6888F104
- 99D12D2C
- C7ECC297
- 8EBA9F0F

2 - Answer the following questions:

- How many networks are possible in classes A, B and C?
- How many hosts are possible in each network in classes A, B and C?
- How many IP addresses are possible in classes A, B and C?
- How many IP Addresses are possible overall?