

Assignment 05

Shubham abonate Roll. No: 31118

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	Liver of the definite Handley and the warming
10000	Title: pemonstrat subnetting
- 12/2	Aim write a program to demonstrate subjecting & find subject masks
- Lings	Stw & H/w requirements Buthings Sublime-test editor windows 64. but editor, i-s-8th Gen, 8GB RAM & 502GB SSD, Compiler GCC . 6.3.0
	An IP adress is a 32-bit address that miguely & mirarially defines the comertion of a host. On a sontex to the internet.
	Network classes:
b d	is class A: network use default subnet mask of 255.0.0.0 & have 0.127 as their fixt outet. 255.0.0.0 & have 0.127 as their fixt outet. 256.0.0.0 & have 0.127 as their fixt outet. 256.0.0 & have 0.127 as their fixt outet.
	outet class & have 240-254 as their first
	THE RESERVE OF THE PERSON OF T
	The reasons of subnetting / submenting the network
	are as follows:
	1) To divide large network into maller figments



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	to reduce traffic
	2) To coment networks arross geographical areas
	3) To connect different topologies together
- beart	of To avoid limitations such as most mum cable
	length.
	Perfeases: Shows rapper out I a vie
totube y	17 226.35.65.23 IP address is given as input
	ontpub: class D IP address and for
The Lines In	muticasting
	27 Input: \$P: 192.168.100.5
	entpul: clan c It adres
relatine N	Subnet made: 255. 255. 255.0
No.4	first block: 192.168.100.0
	1/1/2 10000
The second second	
	Swand block > 10.992.168.100.255.
	Swand block > 100.255.
Jan Van	Sund block > 100.25.
40 N20	Swand block > 100.255.
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\$./out.exe

Enter IP: 192.168.100.5

IP: 192.168.100.5

Class: C

Default Mask: 255.255.255.0

Network ID: 192.168.100.0

BroadCastID: 192.168.100.255

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\$./out.exe

Enter IP: 226.35.65.23

IP: 226.35.65.23

Class: D

Default Mask: 255.255.255.255

Network ID: 226.35.65.23 BroadCastID: 226.35.65.23