Name: Pranav Redij, Omkar Patil, Deep Salunkhe
(21102A0005)   (21102A0003)   (21102A0014)

PBL2-CN

Q. **Given:**

245.248.128.0/20

wanted to devide 50% ip to org A, 25% to B
left will be to Mr.X

Sol^n:

Subnet mask for given N/w is /20

so $(32-20=12)$

$2^{12} = 4096$ I p's are possible.

So, 2048 to be distribute to A, 1024 to B & remaining
to X.

for A,   /21 is Subnet mask = $2^{32-21} = 2^{11} = 2048$
B,   /22 is Subnet mask = $2^{32-22} = 2^{10} = 1024$