

NAMA : NIKKI RUFIANSYA

NRP : 151-111-035

## TUGAS 1

1. a. 255.192.0.0  
11111111.11000000.00000000.00000000 /10  
b. 255.255.0.0  
11111111.11111111.00000000.00000000 /16  
c. 255.255.224.0  
11111111.11111111.11100000.00000000 /19  
d. 255.255.255.128  
11111111.11111111.11111111.10000000 /25
2. a. /17  
11111111.11111111.10000000.00000000  
255.255.128.0  
b. /20  
11111111.11111111.11110000.00000000  
255.255.240.0  
c. /22  
11111111.11111111.11111100.00000000  
255.255.252.0  
d. /27  
11111111.11111111.11111111.11100000  
255.255.255.224
3. a. IP ADDRESS : 172.16.187.177  
SUBNETMASK : 255.255.0.0  
~~NA : 172.16.0.0~~  
BA : 172.16.255.255
- b. IP ADDRESS : 172.16.187.177      187 : 10111011  
SUBNETMASK : 255.255.192.0      192 : 11000000  
~~NA : 172.16.128.0~~      10000000 = 128  
BA : 172.16.191.255      10111111 = 191
- c. IP ADDRESS : 172.16.187.177      187 : 10111011  
SUBNETMASK : 255.255.248.0      248 : 11111000  
~~NA : 172.16.184.0~~      10111000 = 184  
BA : 172.16.191.255      10111111 = 191
- d. IP ADDRESS : 172.16.187.177      177 : 10110001  
SUBNETMASK : 255.255.255.240      240 : 11110000  
~~NA : 172.16.187.176~~      10110000 = 176  
BA : 172.16.187.191      10111111 = 191