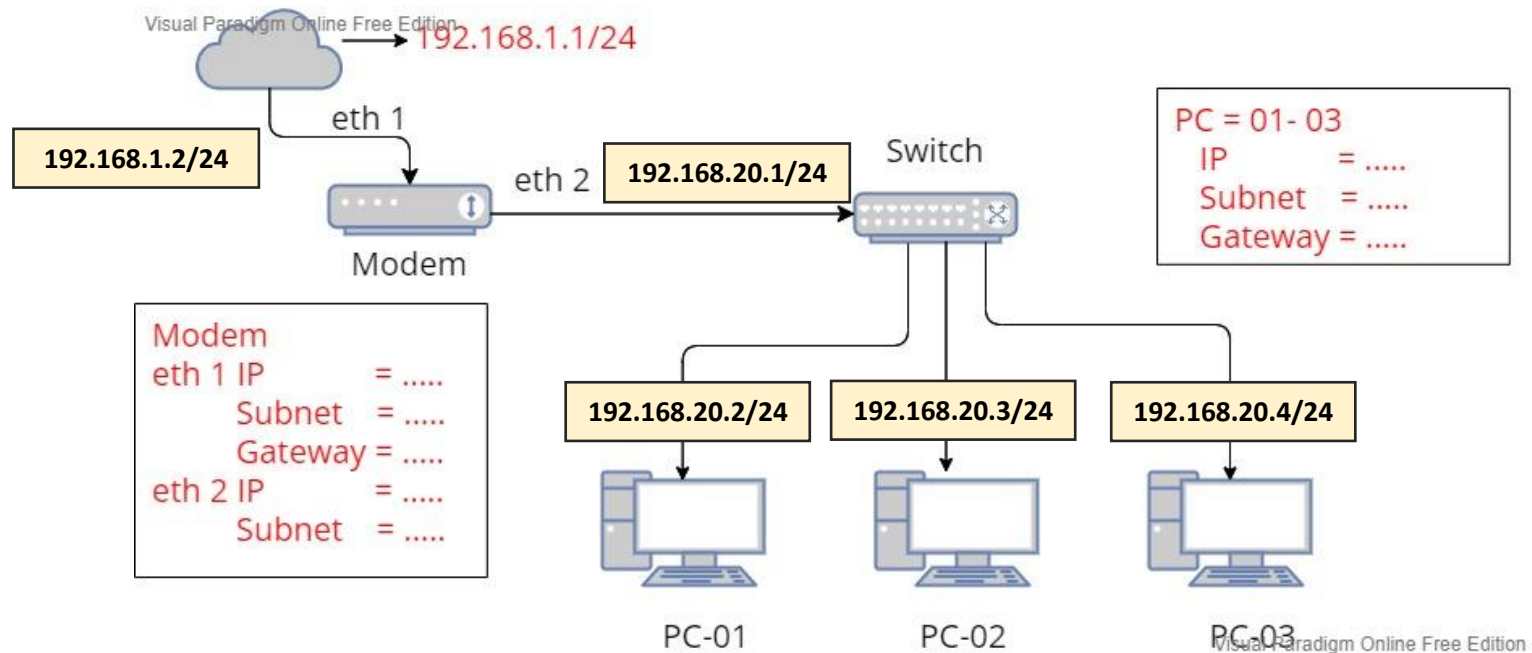1. Lakukan Pemberian IP Address, Subnet, dan Gateway pada Topologi dibawah



Modem :

eth 1   IP        = 192.168.1.2 /24
        Subnet    = 255.255.255.0
        Gateway = 192.168.1.1 /24

eth 2   IP        = 192.168.20.1 /24
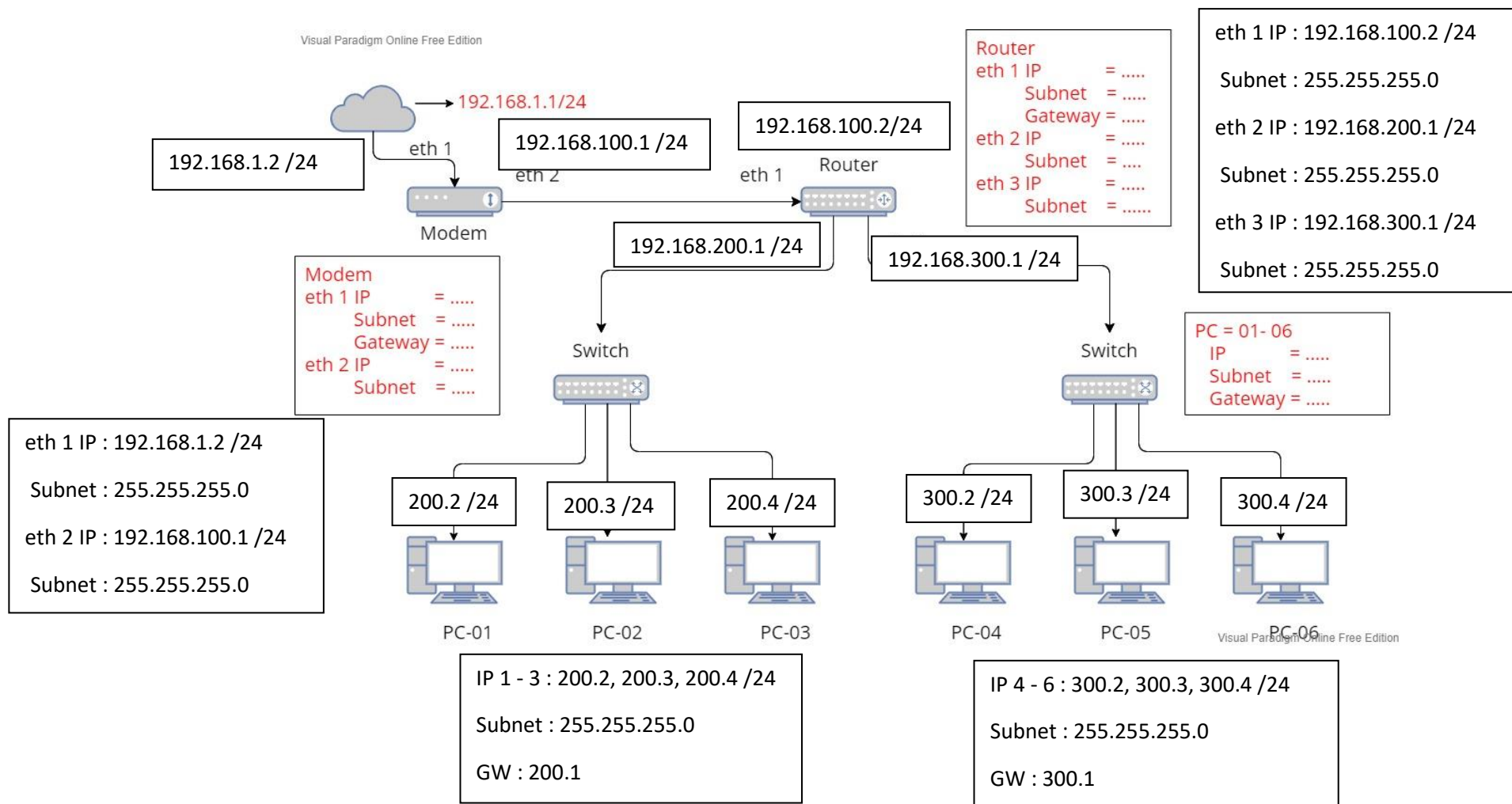        Subnet    = 255.255.255.0

PC :

IP :192.168.20.2 /24
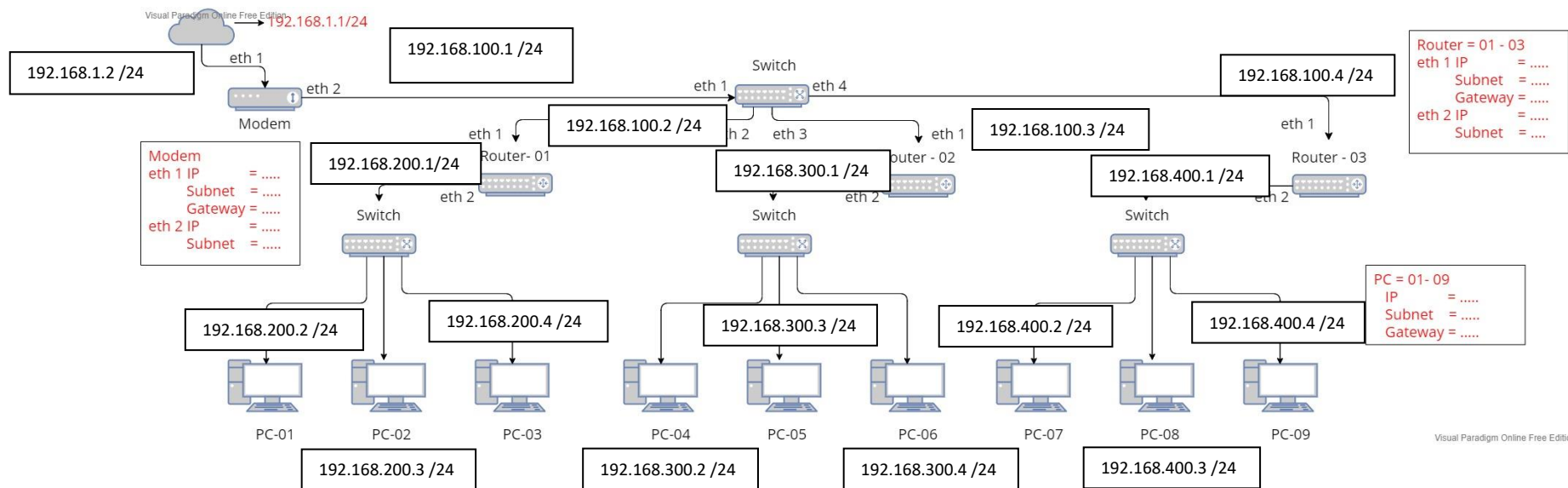
IP :192.168.20.3 /24

IP :192.168.20.4/24

GW : 20.1 /24

Subnet :255.255.255.0

Subnet :255.255.255.0

Subnet :255.255.255.0

2. Lakukan Pemberian IP Address, Subnet, dan Gateway pada Topologi dibawah



Visual Paradigm Online Free Edition

192.168.1.1/24

192.168.1.2 /24

eth 1

192.168.100.1 /24

eth 2

Modem

192.168.100.2/24

eth 1    Router

Router
eth 1 IP        = .....
        Subnet    = .....
        Gateway = .....
eth 2 IP        = .....
        Subnet    = ....
eth 3 IP        = .....
        Subnet    = ......

eth 1 IP : 192.168.100.2 /24

Subnet : 255.255.255.0

eth 2 IP : 192.168.200.1 /24

Subnet : 255.255.255.0

eth 3 IP : 192.168.300.1 /24

Subnet : 255.255.255.0

Modem
eth 1 IP        = .....
        Subnet    = .....
        Gateway = .....
eth 2 IP        = .....
        Subnet    = .....

192.168.200.1 /24

192.168.300.1 /24

Switch

Switch

PC = 01- 06
    IP        = .....
    Subnet    = .....
    Gateway = .....

eth 1 IP : 192.168.1.2 /24

Subnet : 255.255.255.0

eth 2 IP : 192.168.100.1 /24

Subnet : 255.255.255.0

200.2 /24

200.3 /24

200.4 /24

300.2 /24

300.3 /24

300.4 /24

PC-01          PC-02          PC-03

PC-04          PC-05          PC-06

Visual Paradigm Online Free Edition

IP 1 - 3 : 200.2, 200.3, 200.4 /24

Subnet : 255.255.255.0

GW : 200.1

IP 4 - 6 : 300.2, 300.3, 300.4 /24

Subnet : 255.255.255.0

GW : 300.1

3. Lakukan Pemberian IP Address, Subnet, dan Gateway pada Topologi dibawah



192.168.1.1/24

192.168.100.1 /24

192.168.1.2 /24

eth 1

eth 2

Modem

192.168.100.4 /24

Switch

eth 1 | eth 4

Router = 01 - 03
eth 1 IP         = .....
        Subnet    = .....
        Gateway = .....
eth 2 IP         = .....
        Subnet    = ....

192.168.100.2 /24

eth 1

192.168.200.1/24

Router- 01

Modem
eth 1 IP         = .....
        Subnet    = .....
        Gateway = .....
eth 2 IP         = .....
        Subnet    = .....

h 2 | eth 3

eth 1

192.168.100.3 /24

192.168.300.1 /24

eth 1

192.168.400.1 /24

Router - 03

eth 2

eth 2

eth 2

Router - 02

eth 2

Switch

Switch

Switch

192.168.200.2 /24

192.168.200.4 /24

192.168.300.3 /24

192.168.400.2 /24

192.168.400.4 /24

PC = 01- 09
IP         = .....
Subnet    = .....
Gateway = .....

PC-01

PC-02

PC-03

PC-04

PC-05

PC-06

PC-07

PC-08

PC-09

192.168.200.3 /24

192.168.300.2 /24

192.168.300.4 /24

192.168.400.3 /24

```
MODEM
eth 1 IP        : 192.168.1.2 /24
     Subnet  : 255.255.255.0
     Gateway : 192.168.1.1/24
eth 2 IP        : 192.168.100.1 /24
     Subnet  : 255.255.255.0
```

```
ROUTER 1
eth 1 IP        : 192.168.100.2 /24
     Subnet  : 255.255.255.0
     Gateway : 192.168.100.1/24
eth 2 IP        : 192.168.200.1 /24
     Subnet  : 255.255.255.0
```

```
ROUTER 2
eth 1 IP        : 192.168.100.3 /24
     Subnet  : 255.255.255.0
     Gateway : 192168.100.1/24
eth 2 IP        : 192.168.300.1 /24
     Subnet  : 255.255.255.0
```

```
ROUTER 3
eth 1 IP        : 192.168.100.4 /24
     Subnet  : 255.255.255.0
     Gateway : 192168.100.1
eth 2 IP        : 192.168.400.1 /24
     Subnet  : 255.255.255.0
```

```
PC 01
IP        : 192.168.200.2 /24
Subnet   : 255.255.255.0
Gateway : 192.168.200.1
```

```
PC 02
IP        : 192.168.200.3 /24
Subnet   : 255.255.255.0
Gateway : 192.168.200.1
```

```
PC 03
IP        : 192.168.200.4 /24
Subnet   : 255.255.255.0
Gateway : 192.168.200.1
```

```
PC 04
IP        : 192.168.300.2 /24
Subnet   : 255.255.255.0
Gateway : 192.168.300.1
```

```
PC 05
IP        : 192.168.300.3 /24
Subnet   : 255.255.255.0
Gateway : 192.168.300.1
```

```
PC 06
IP        : 192.168.300.4 /24
Subnet   : 255.255.255.0
Gateway : 192.168.300.1
```

```
PC 07
IP        : 192.168.400.2 /24
Subnet   : 255.255.255.0
Gateway : 192.168.400.1
```

```
PC 08
IP        : 192.168.400.3 /24
Subnet   : 255.255.255.0
Gateway : 192.168.13.1
```

```
PC 09
IP        : 192.168.400.4 /24
Subnet   : 255.255.255.0
Gateway : 192.168.400.1
```

**TUGAS VIDEO :** [https://youtu.be/mYi61t4N5KE](https://youtu.be/mYi61t4N5KE)