Program - 7
Creating a IPV6 network

Step1: Create 3 Virtual Machice with default Nating
- **PC1: 192.168.122.4**
- **PC2: 192.168.122.19**
- **PC3: 192.168.122.74**

Step2: Go to PC1
- **Open network interface file by typing following command**
    - **sudo nano /etc/network/interfaces**

Step3: Add the following Line in /etc/network/interfaces

```
auto ens3
iface ens3 inet6 static
address 2002:0:0:0:1:1:1:2
netmask 64
gateway 2002:0:0:0:1:1:1:1
```

Step4: Save the file and exit

Step5: Restart network interface service

Step6: Repeat Step2 to Step 5 for PC2 and PC3

Step7: ping6 2002:0:0:0:1:1:1:2
   Ping from PC1 to PC2 and all the other system