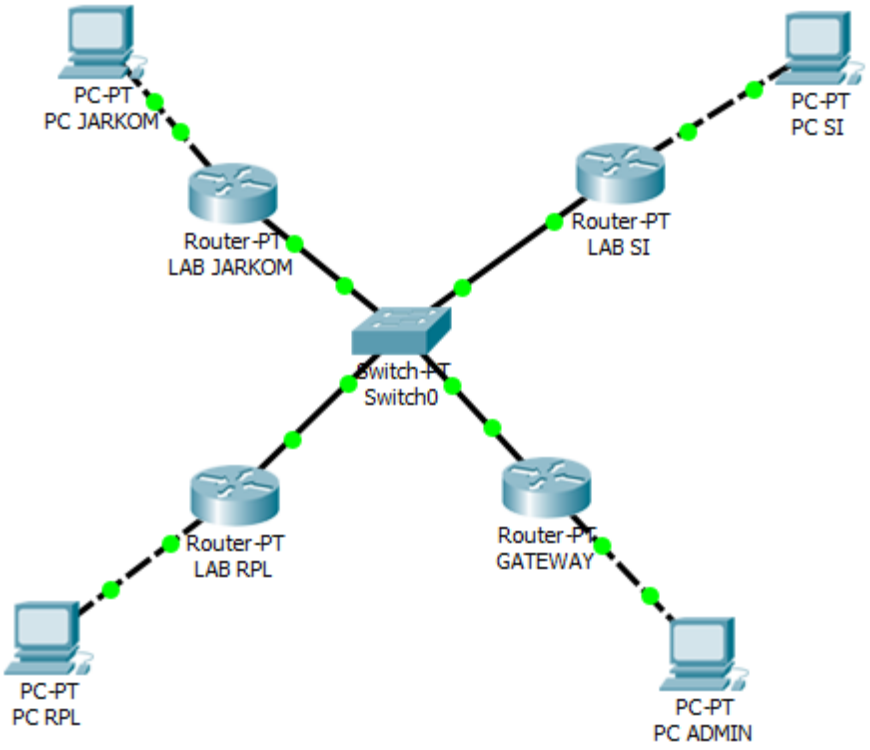
NAMA : PUJI NUGROHO
NIM : L200170123
KELAS : C
MODUL : 11

KEGIATAN

1. Desain Jaringan



2. Konfigurasi router Jarkom

```
Router>ENABLE
Router#conf term
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 172.16.0.1 255.255.255.255
Bad mask /32 for address 172.16.0.1
Router(config-if)#ip address 172.16.0.1 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed
state to up

Router(config-if)#int fa 0/1
%Invalid interface type and number
Router(config)#int fa 1/0
Router(config-if)#ip address 172.15.0.1 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

Router(config-if)#exit
Router(config)#hostname jarkom
jarkom(config)#
```

3. Konfigurasi router RPL

```
Router>enable
Router#conf term
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname rpl
rpl(config)#int fa 0/0
rpl(config-if)#ip address 172.18.0.1 255.255.255.0
rpl(config-if)#no shutdown

rpl(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed
state to up

rpl(config-if)#int fa 1/0
rpl(config-if)#ip address 172.15.0.3 255.255.255.0
rpl(config-if)#no shutdown

rpl(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

rpl(config-if)#
```

4. Konfigurasi router SI

```
si(config)#int fa 0/0
si(config-if)#ip address 172.17.0.1 255.255.255.0
si(config-if)#no shutdown

si(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed
state to up

si(config-if)#int fa 1/0
si(config-if)#ip address 172.15.0.2 255.255.255.0
si(config-if)#no shutdown

si(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

si(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

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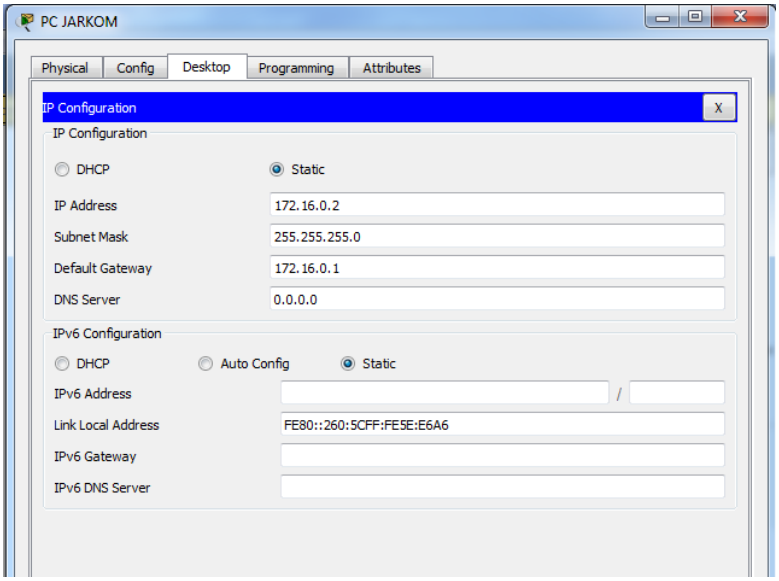
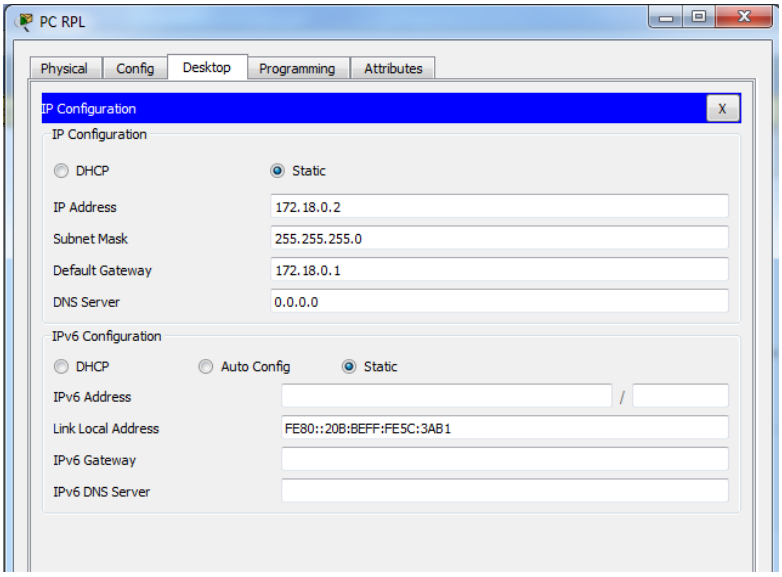
5. Konfigurasi router Gateway

```
Router>enable
Router#conf term
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname ums
ums(config)#int fa 0/0
ums(config-if)#ip address 172.19.0.1 255.255.255.0
ums(config-if)#no shutdown

ums(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed
state to up

ums(config-if)#int fa 1/0
ums(config-if)#ip address 172.15.0.4 255.255.255.0
ums(config-if)#no shutdown

ums(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

ums(config-if)#
```

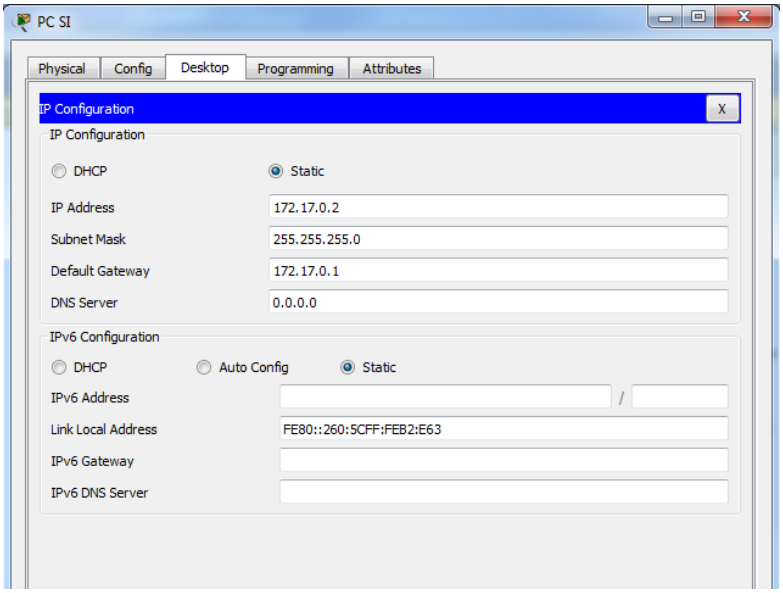
6. Konfigurasi PC



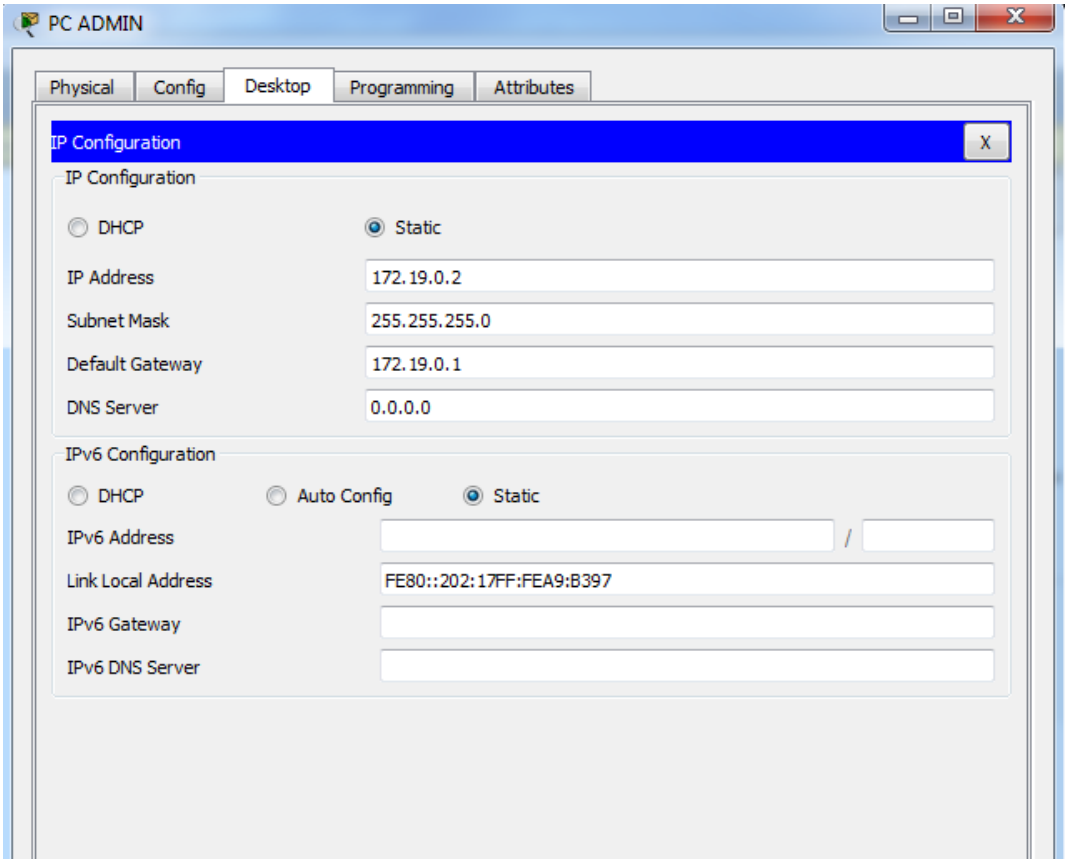
7. Konfigurasi PC RPL



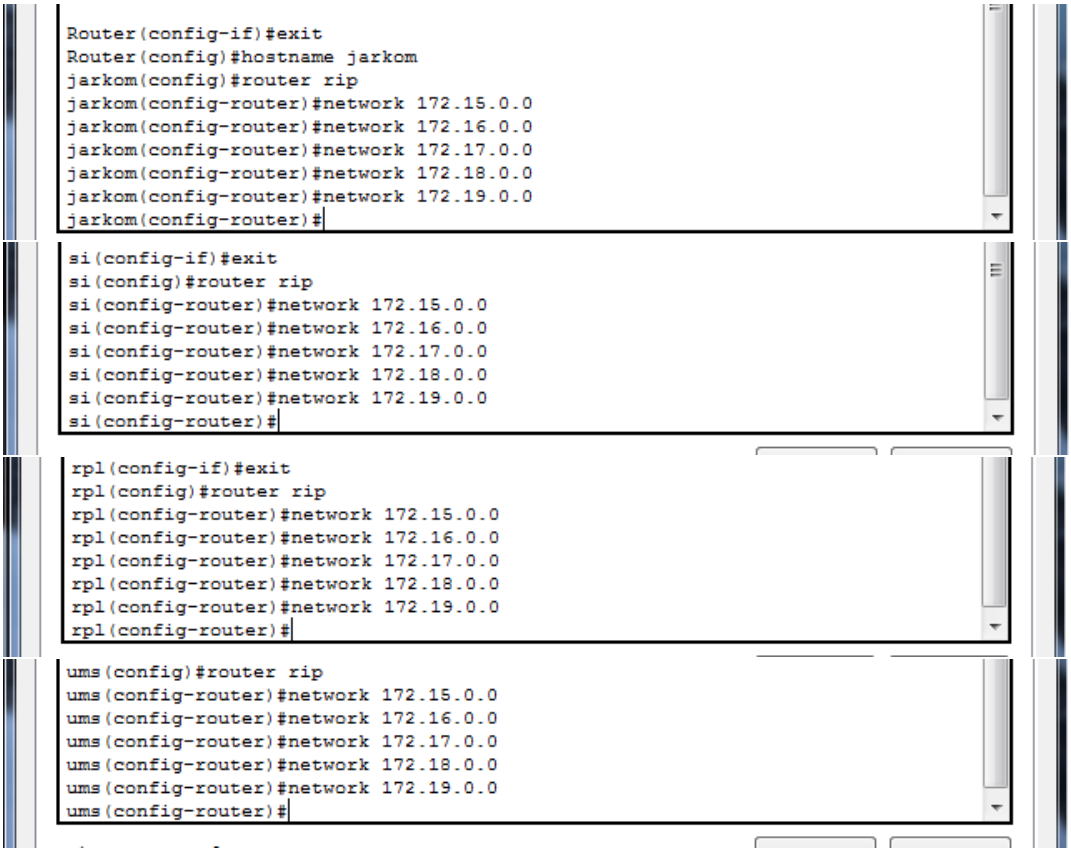
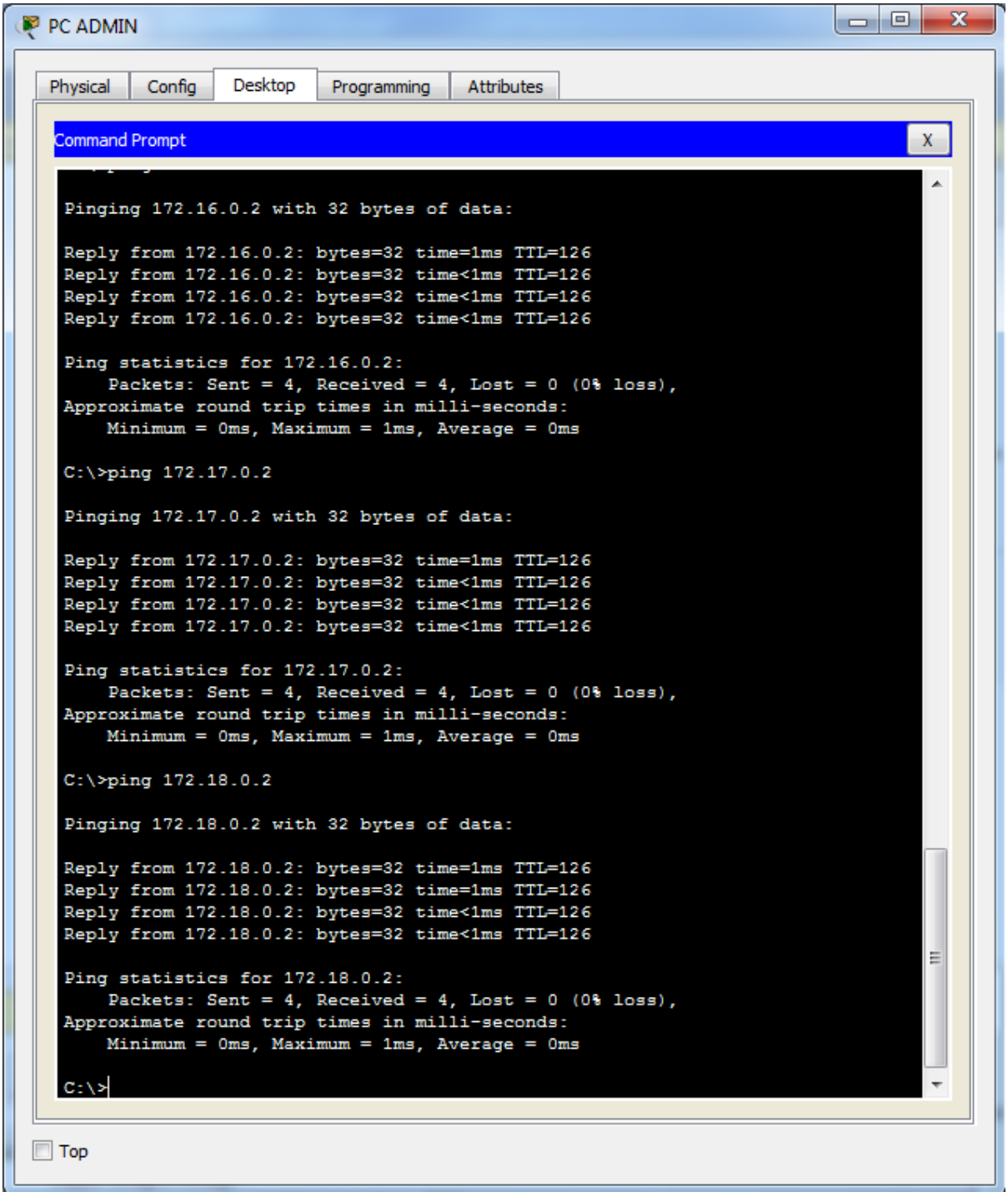
8. Konfigurasi PC SI



9. Konfigurasi PC Gateway



10. Melakukan peroutingan



11. Melakukan cek koneksi