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Kelas : D  
Modul : Dua (2)

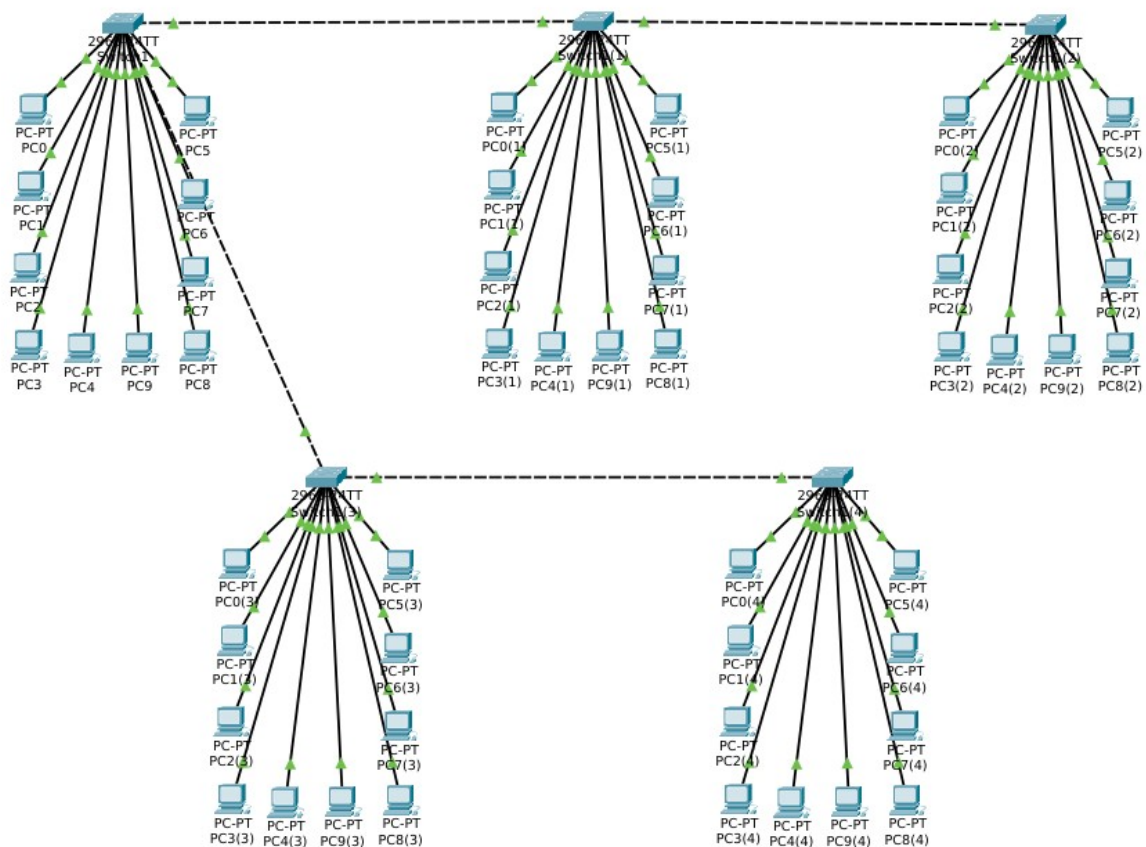
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## Tugas

Membuat rancangan jaringan yang terdiri dari lima *switch* yang saling terhubung, dan setiap *switch* terdiri dari sepuluh PC. Alamat IP Address antara 192.168.10.10 sampai dengan 192.168.10.60.

### 1. Rancangan

Berikut adalah rancangan jaringan komputer dengan lima buah *switch* yang saling terhubung.



## 2. IP Address

### 1. IP Address pada switch pertama (192.168.10.10 s.d. 192.168.10.19)

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.10.10

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::290:2BFF:FE92:3032

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

2. IP Address pada switch kedua (192.168.10.20 s.d. 192.168.10.29)

PC0(1)

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.10.20

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2D0:BCFF:FE9B:7275

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

3. IP Address pada switch ketiga (192.168.10.30 s.d. 192.168.10.39)

PC0(2)

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.10.30

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::260:3EFF:FE64:D732

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

4. IP Address pada switch keempat (192.168.10.40 s.d. 192.168.10.49)

PC0(3)

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.10.40

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2D0:D3FF:FE07:DC91

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

5. IP Address pada switch kelima (192.168.10.50 s.d. 192.168.10.59)

PC0(4)

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.10.50

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::202:16FF:FED3:D0A0

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

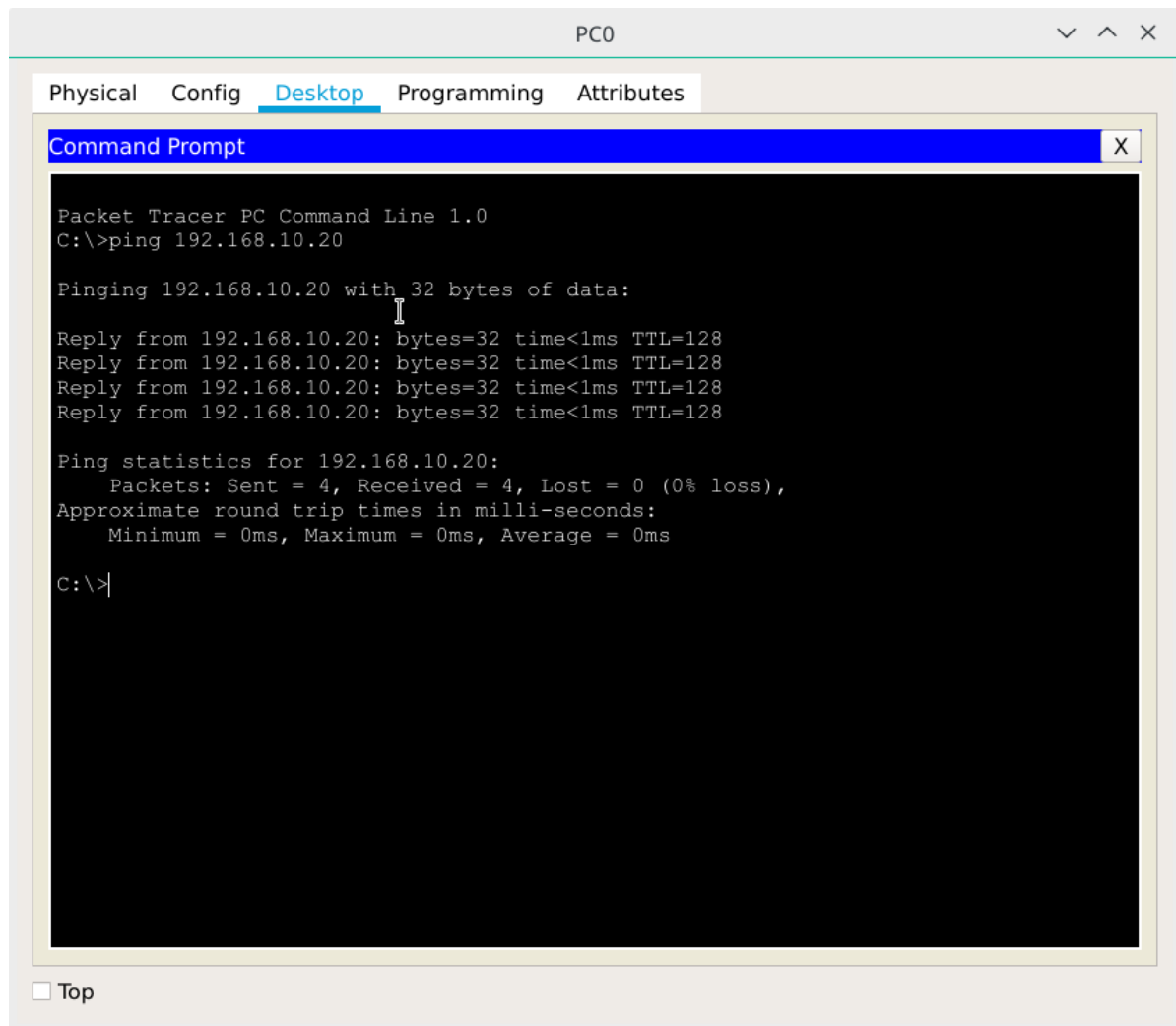
Username

Password

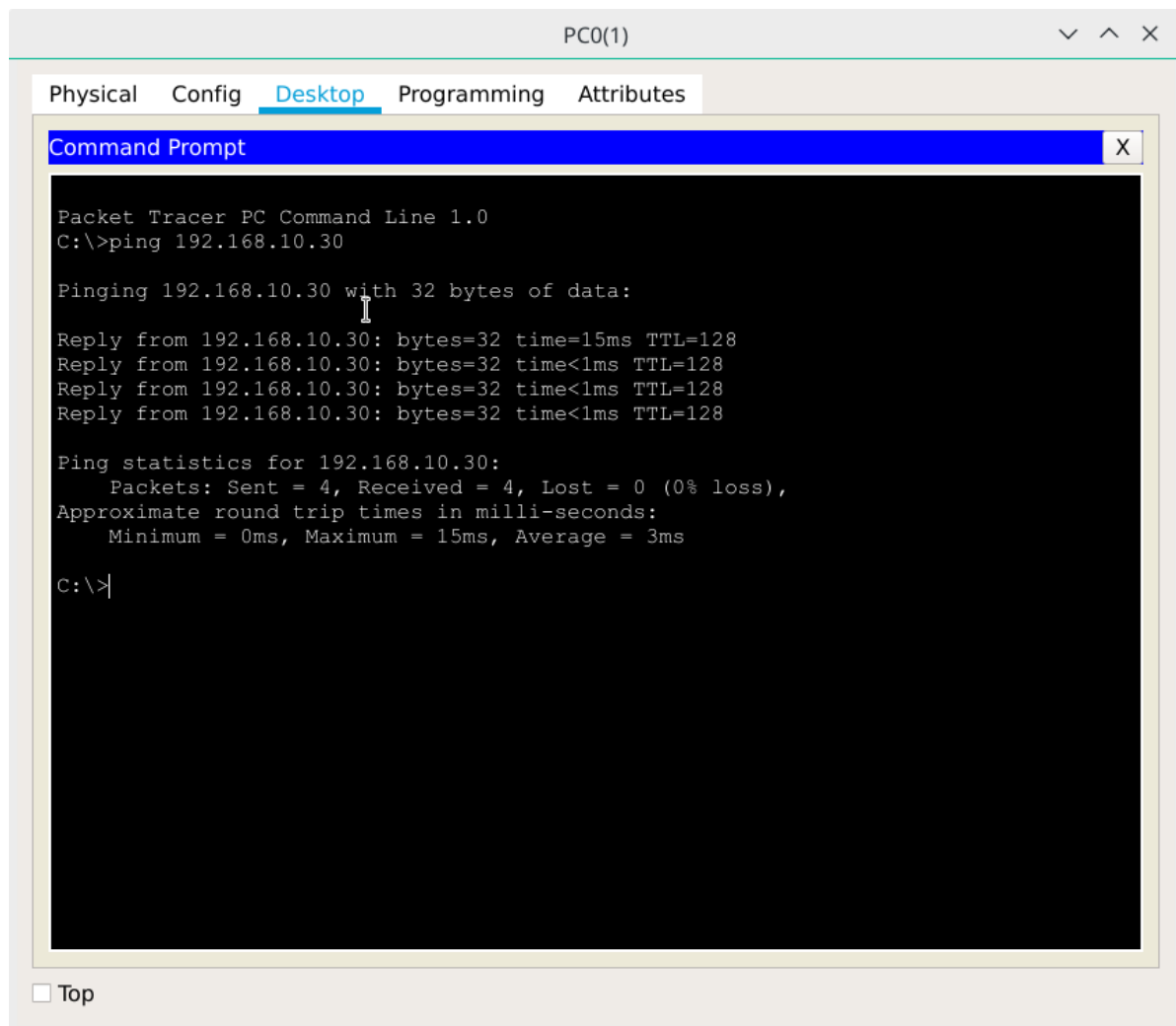
☐ Top

### 3. Uji Koneksi

#### 1. Uji Koneksi 192.168.10.10 ke 192.168.10.20

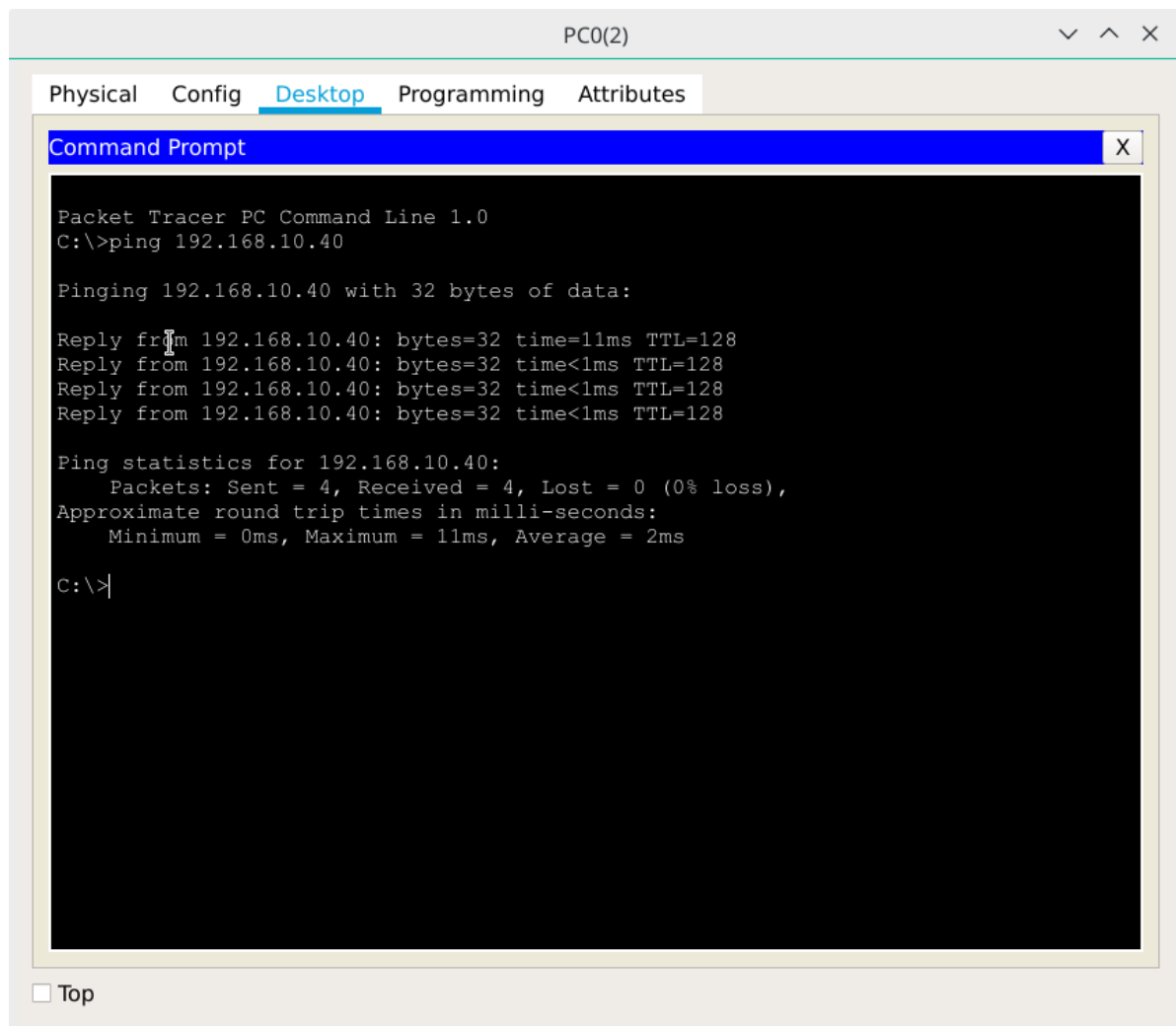


## 2. Uji Koneksi 192.168.10.20 ke 192.168.10.30





### 3. Uji Koneksi 192.168.10.30 ke 192.168.10.40



#### 4. Uji Koneksi 192.168.10.40 ke 192.168.10.50

