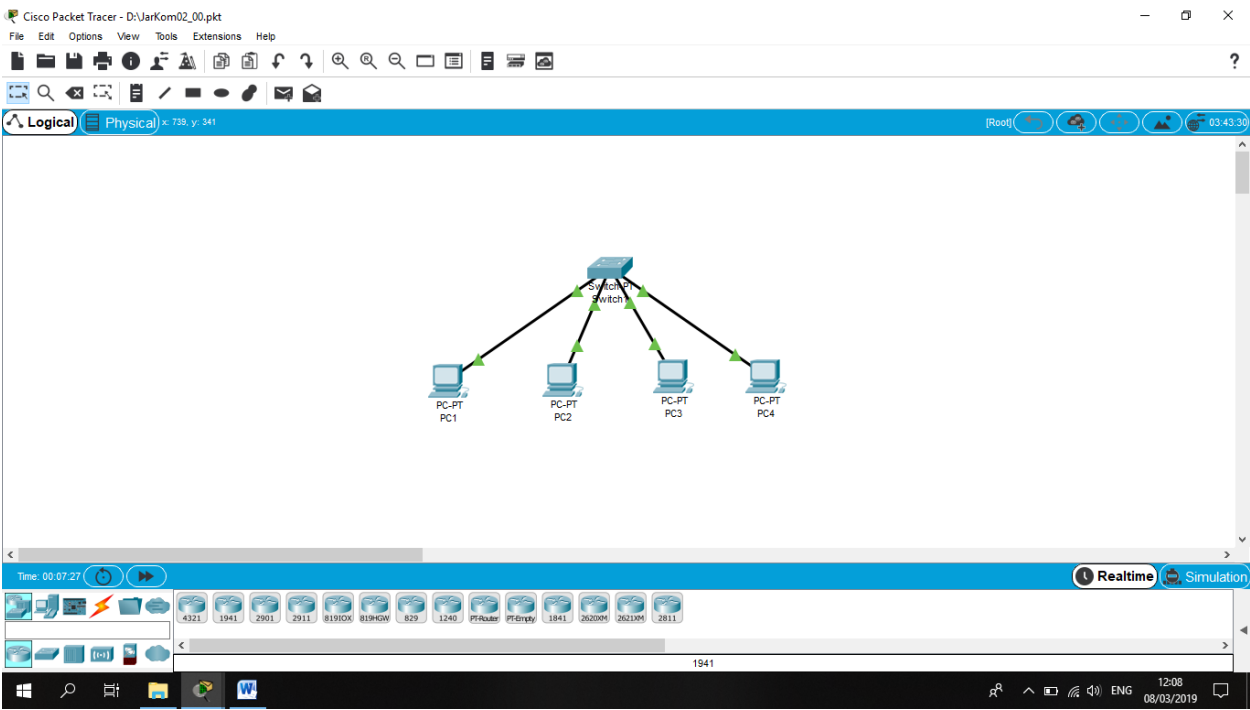


Nama : Titis Ulfa Mustikawati
NIM : L200170057
Kelas : B

MODUL 3
SUBNETTING

Kegiatan 1. Desain dan Konfigurasi Subnetting



Mengatur PC 1 dengan alamat IP address 201.222.5.1

The screenshot shows the configuration window for PC1. The 'Desktop' tab is selected. Under 'IP Configuration', the 'Static' radio button is chosen. The IP Address is set to 201.222.5.1, Subnet Mask to 255.255.255.248, Default Gateway to 0.0.0.0, and DNS Server to 0.0.0.0. Under 'IPv6 Configuration', the 'Static' radio button is also chosen, with IPv6 Address set to FE80::250:FFF:FE93:E2C5. The '802.1X' section is expanded, showing 'Use 802.1X Security' as unchecked, 'Authentication' as MD5, and empty fields for Username and Password.

Mengatur PC 2 dengan alamat IP address 201.222.5.2

PC2

Physical

Config

Desktop

Programming

Attributes

IP Configuration

Interface

FastEthernet0

IP Configuration

☐ DHCP
☒ Static

IP Address

201.222.5.2

Subnet Mask

255.255.255.248

Default Gateway

201.222.5.2

DNS Server

255.255.255.48

IPv6 Configuration

☐ DHCP
☐ Auto Config
☒ Static

IPv6 Address

Link Local Address

FE80::201:C9FF:FE51:B66A

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MDS

Username

Password

Top

Windows Taskbar

Start

Search

Task View

File Explorer

Edge

Word

System Tray

Network

Volume

Bluetooth

ENG

18:13

08/03/2019

Mengatur PC 3 dengan alamat IP address 201.222.5.9

PC3

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

InterfaceFastEthernet0

IP Configuration

☐ DHCP

☒ Static

IP Address201.222.5.9

Subnet Mask255.255.255.248

Default Gateway0.0.0.0

DNS Server0.0.0.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address

Link Local AddressFE80::201:C7FF:FE29:9B26

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

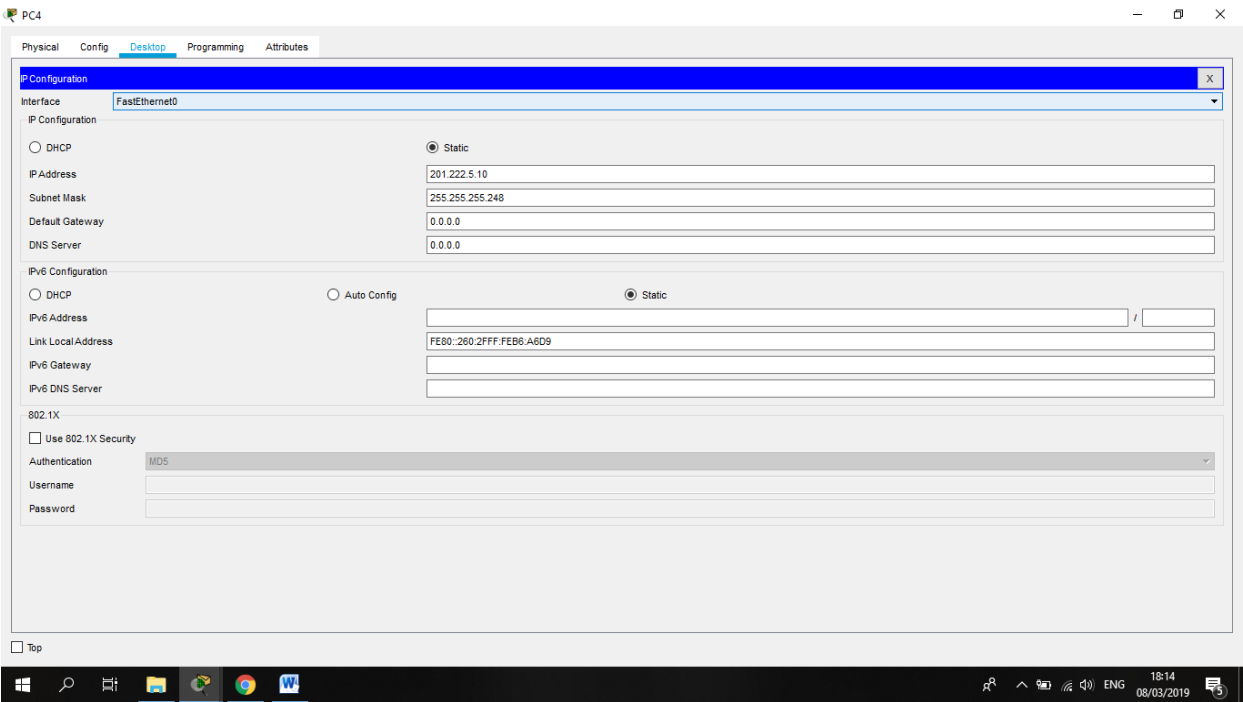
AuthenticationMDS

Username

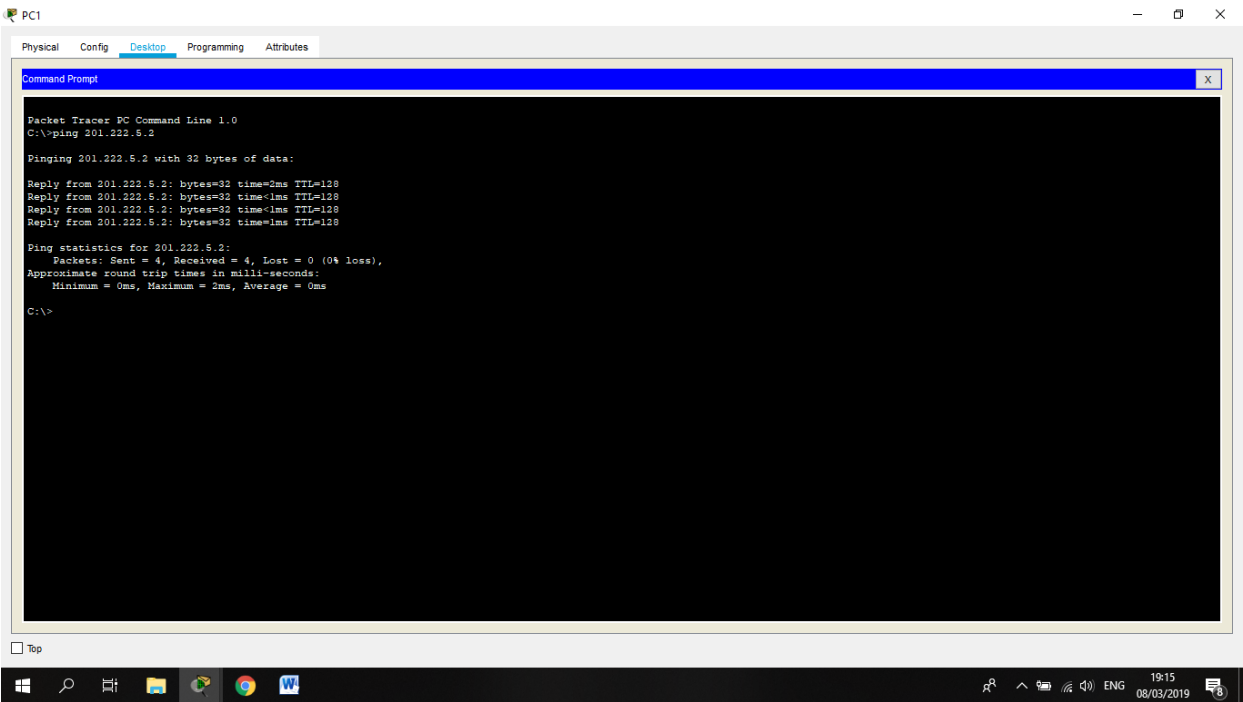
Password

Top

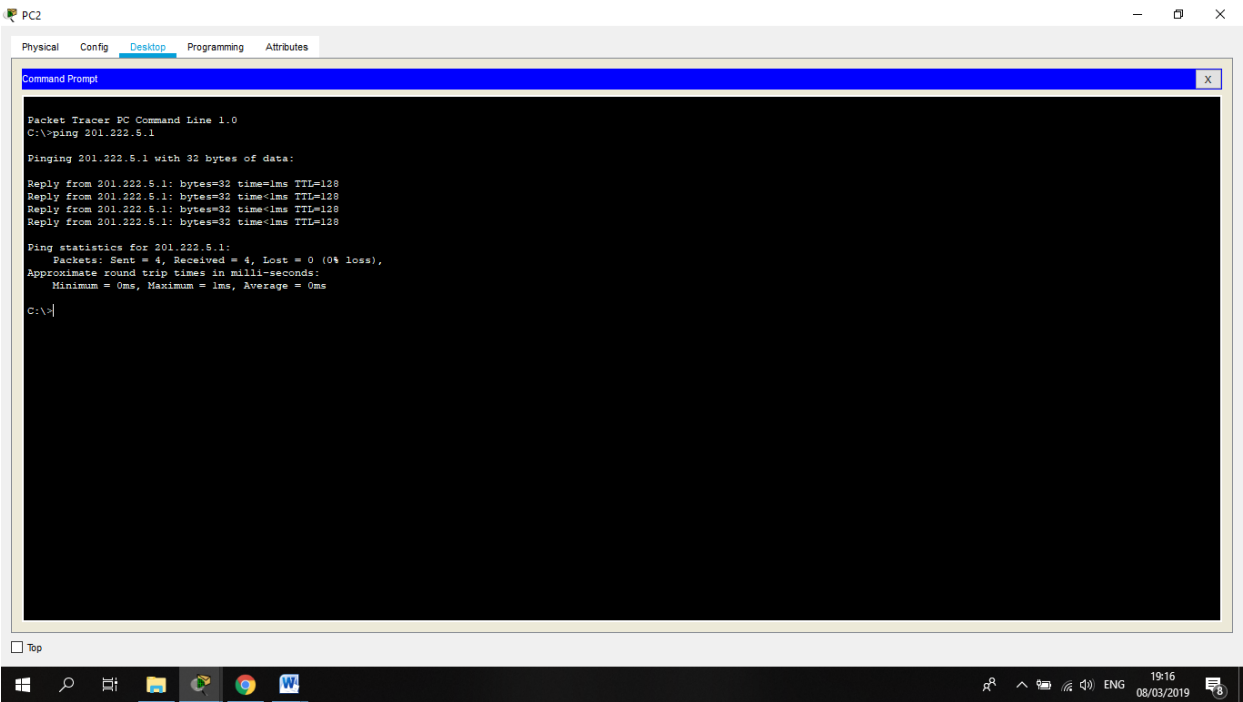
Mengatur PC 4 dengan alamat IP address 201.222.5.10



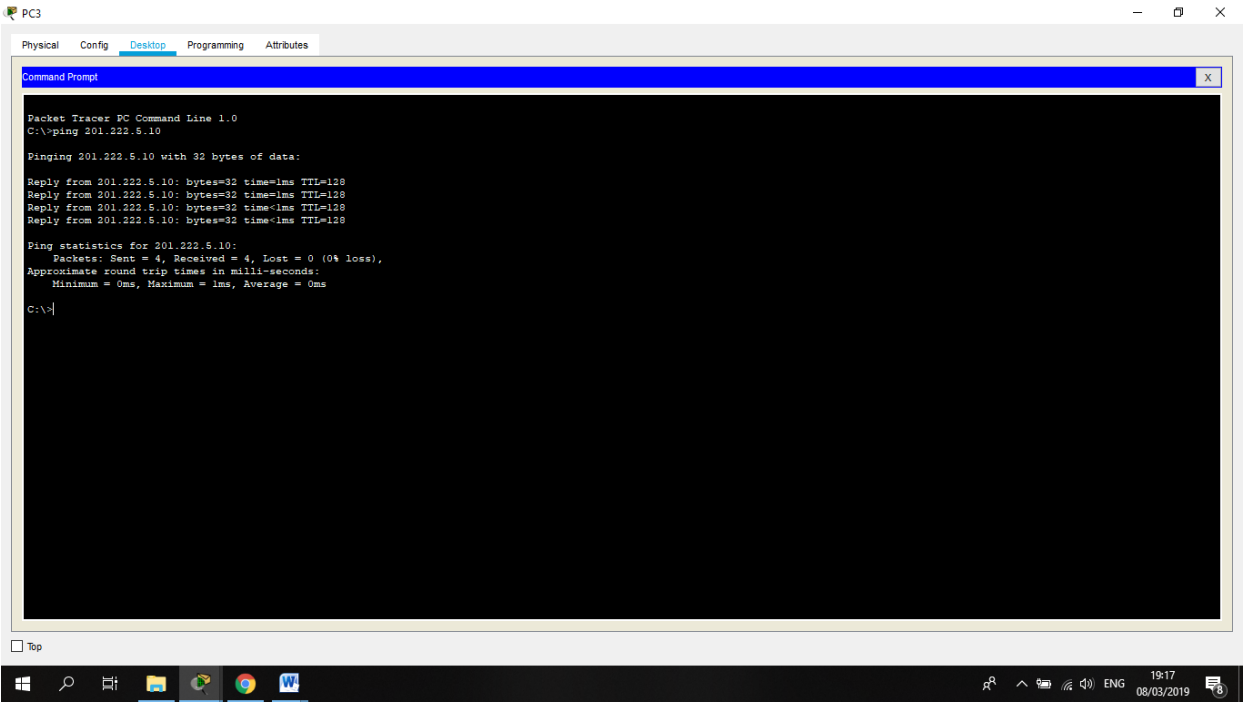
Ping PC 1 ke PC 2



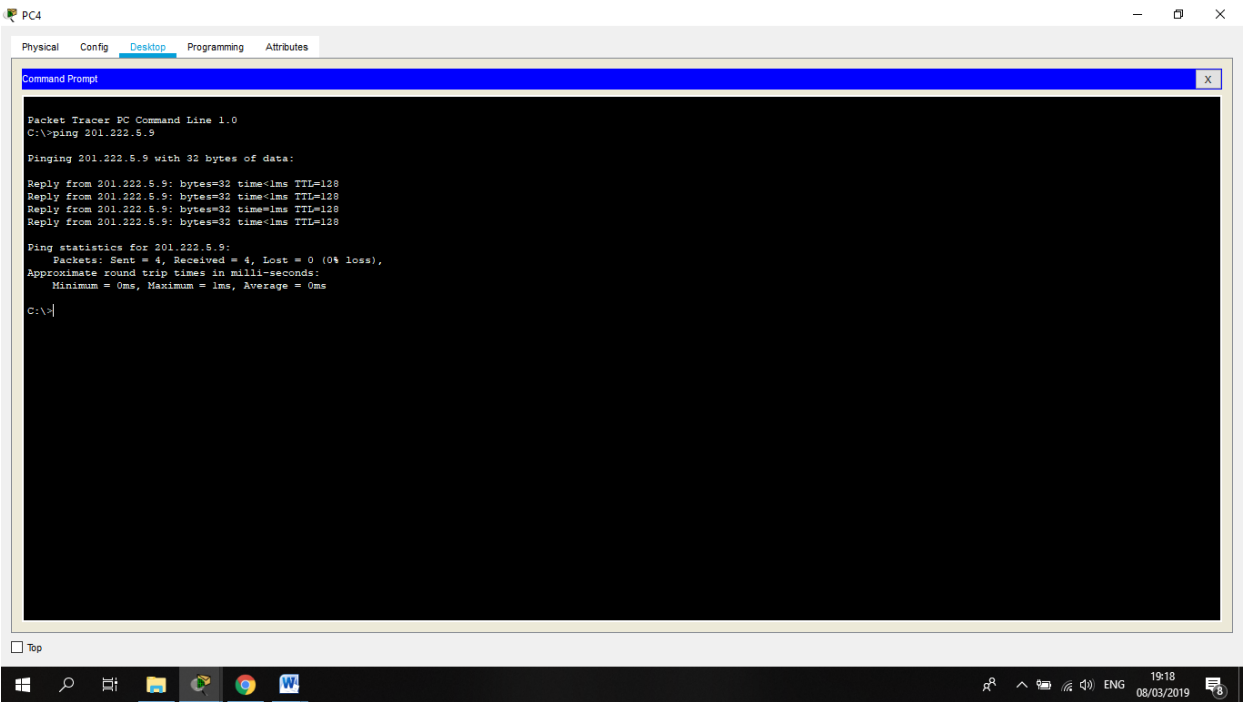
Ping PC 2 ke PC 1



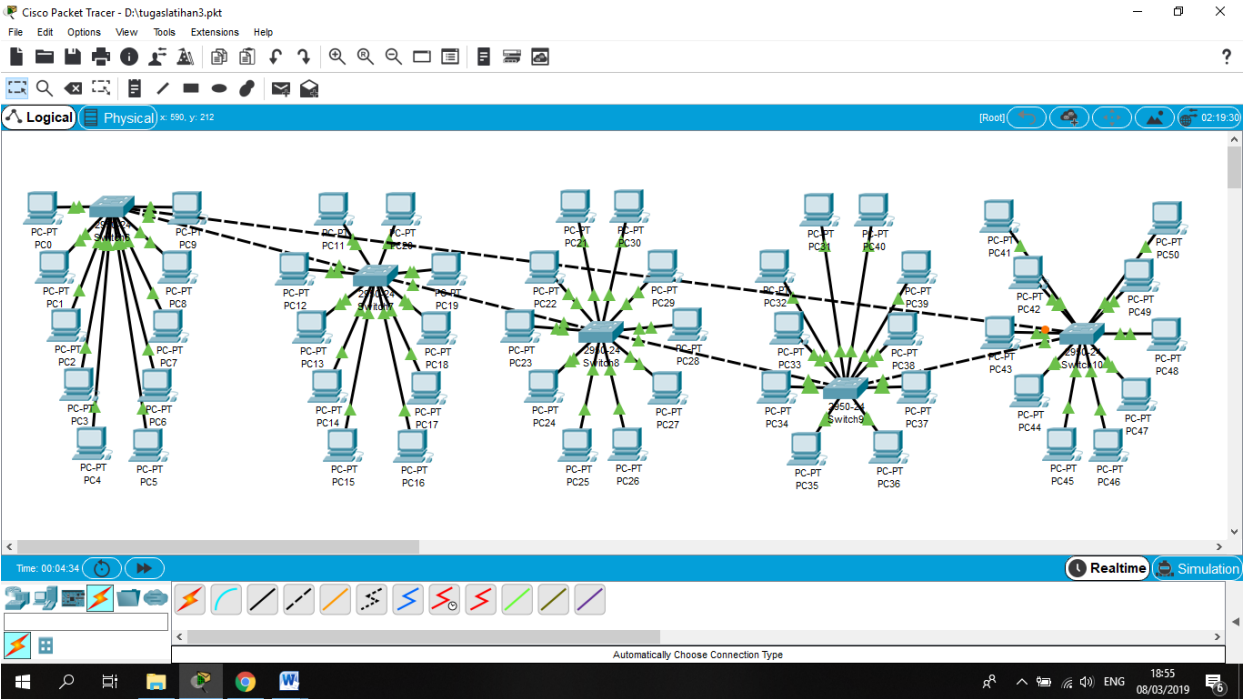
Ping PC 3 ke PC 4



Ping PC 4 ke PC 3



Tugas Modul



202.155.19.0

11001010.10011011.00010011.00000000

255.255.255.0

11111111.11111111.11111111.00000000

Jumlah Subnet = $2^0 = 1$

Jumlah Host per-Subnet = $2^8 - 2 = 256 - 2 = 254$

Blok Subnet = $256 - 0 = 256$

Tabel Subnet :

Network	202.155.19.0
Host Pertama	202.155.19.1
Host Terakhir	202.155.19.254
Broadcast	202.155.19.255

PC0

Physical

Config

Desktop

Programming

Attributes

IP Configuration

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IP Address

202.155.19.1

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::250:FFF:FE0C:1704

IPv6 Gateway

IPv6 DNS Server

802.1X

Use 802.1X Security

Authentication

MDS

Username

Password

Top

ENG

19:03

08/03/2019

PC20

Physical

Config

Desktop

Programming

Attributes

IP Configuration

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IP Address

202.155.19.100

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::250:FFF:FE81:B066

IPv6 Gateway

IPv6 DNS Server

802.1X

Use 802.1X Security

Authentication

MDS

Username

Password

Top

ENG

19:05

08/03/2019

