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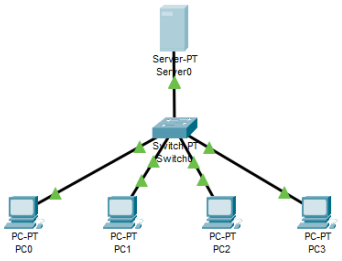
NIM : L200180124

Kelas : C

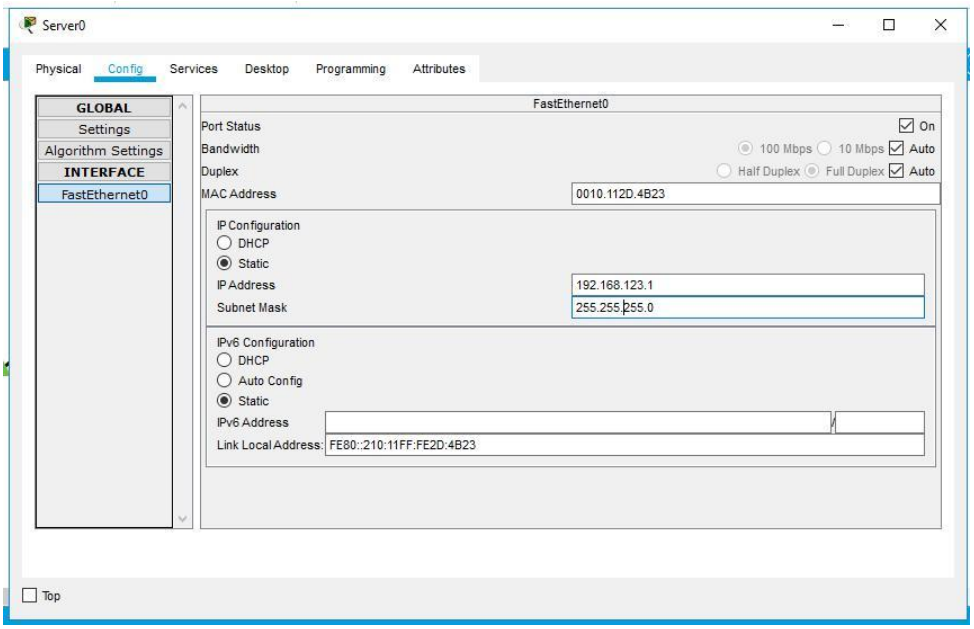
Modul 5

KEGIATAN PRAKTIKUM 1

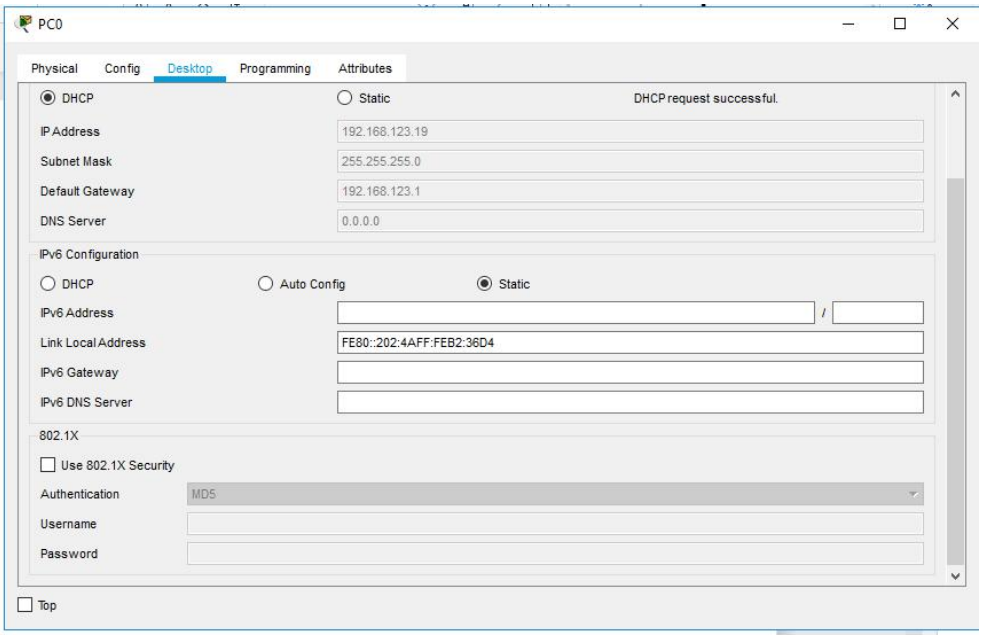
Persiapan server DHCP dengan menggunakan 5 buah workstation, 1 switch, dan 1 server

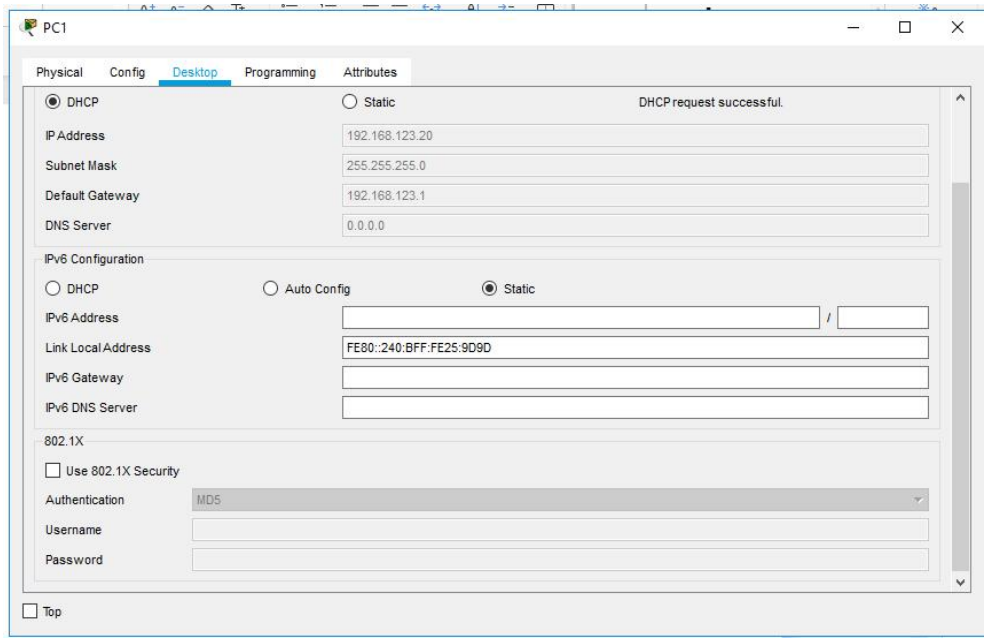


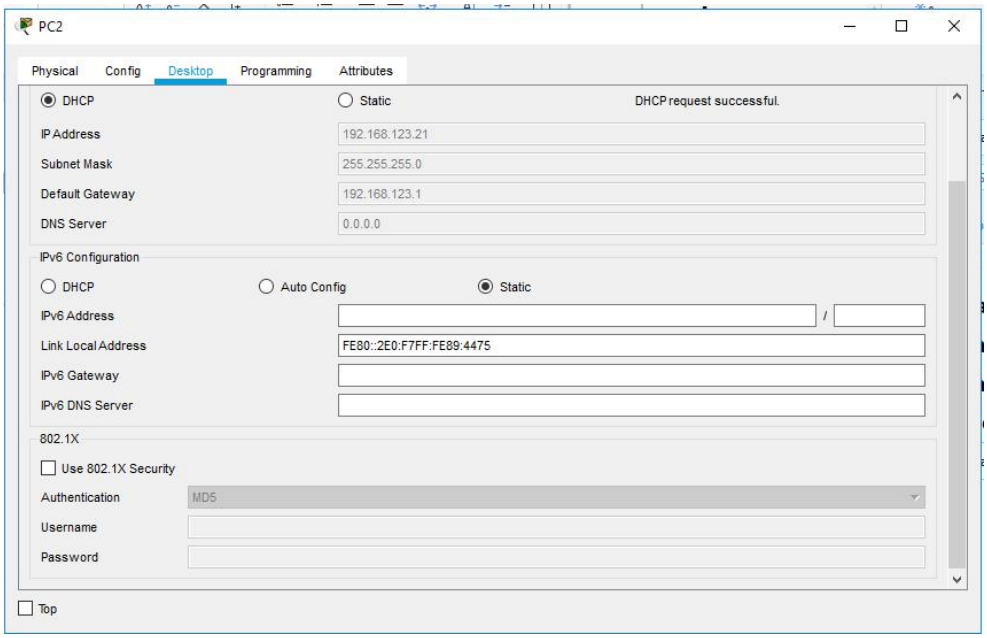
Pada menu Interface, pilih Fast-ethernet. Pada bagian menu configuration, isikan dengan IP adress 192.168.123.1 subnet mask 255.255.255.0

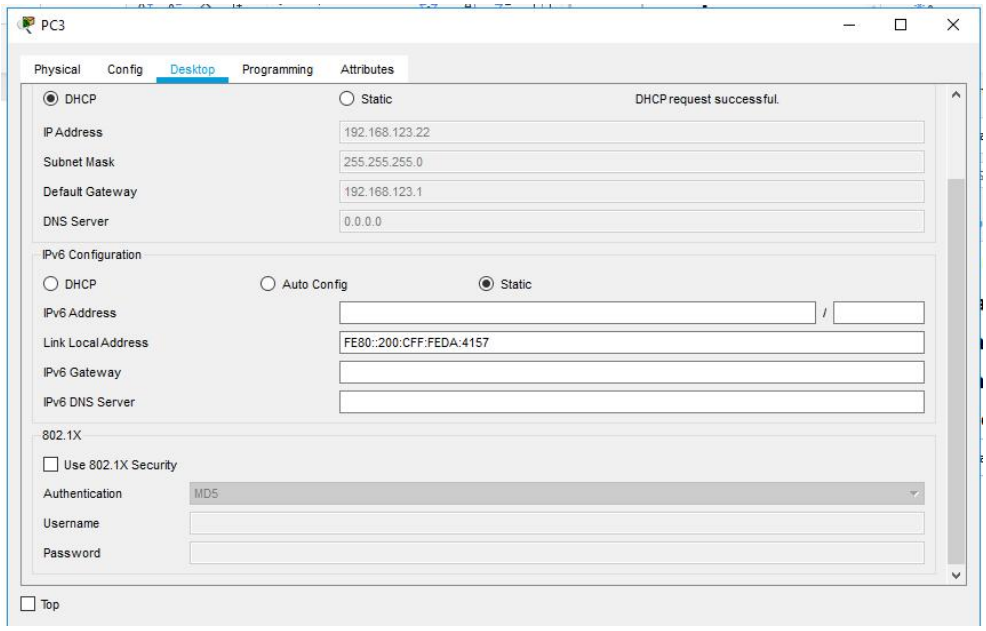


Untuk konfigurasi dhcp server pada jendela properties server 0 pada services, pilih DHCP. Pastikan service DHCP On. Isikan blok IP adress yang akan diberikan ke PC client. Konfigurasi di sisi client pastikan pilihan IP Configuration radio button DHCP

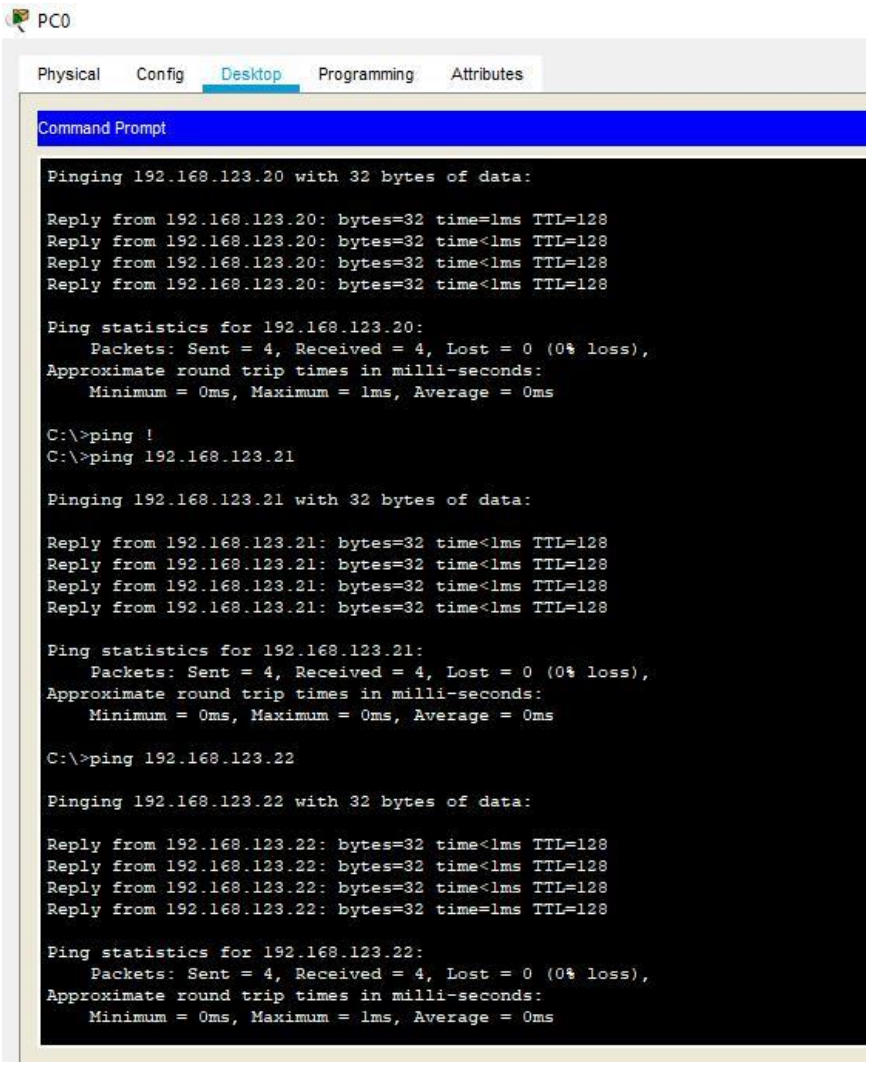





PC2
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
DHCP request successful.
IP Address
192.168.123.21
Subnet Mask
255.255.255.0
Default Gateway
192.168.123.1
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::2E0:F7FF:FE89:4475
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top


PC3
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
DHCP request successful.
IP Address
192.168.123.22
Subnet Mask
255.255.255.0
Default Gateway
192.168.123.1
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::200:CFF:FEDA:4157
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top

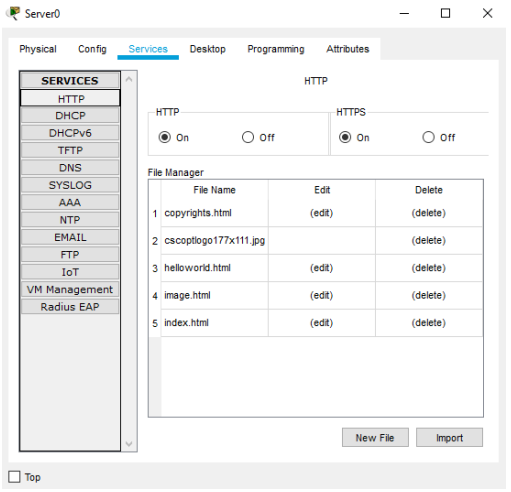
Setelah selesai konfigurasi, ping kesemua PC yang terhubung dengan server DHCP



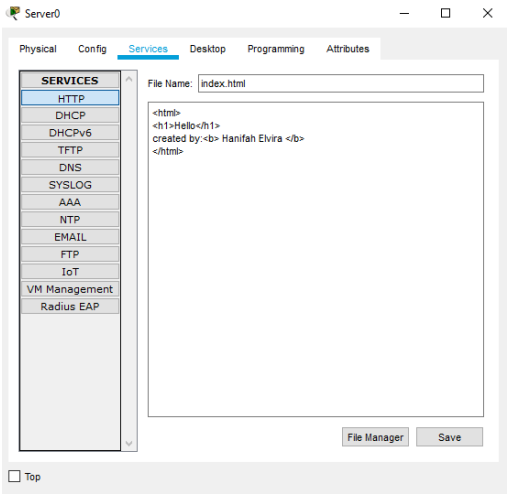
KEGIATAN 2 MEMBUAT WEB SERVER

Membuat Web Server

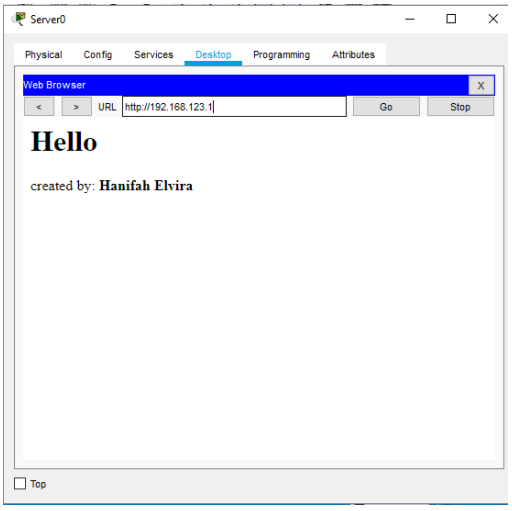
Pilih radio button ON pada HTTP



Edit pesan yang akan ditampilkan pada saat browsing HTTP

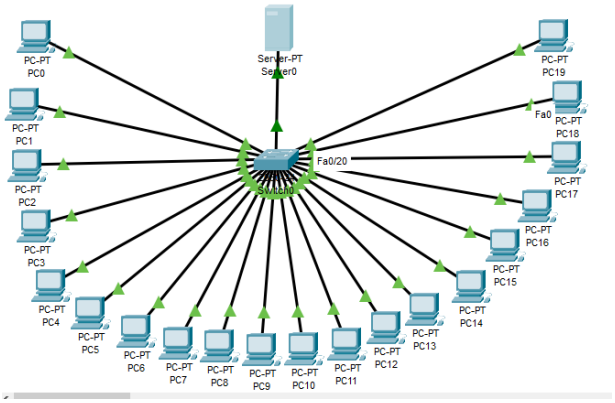


Browsing HTTP

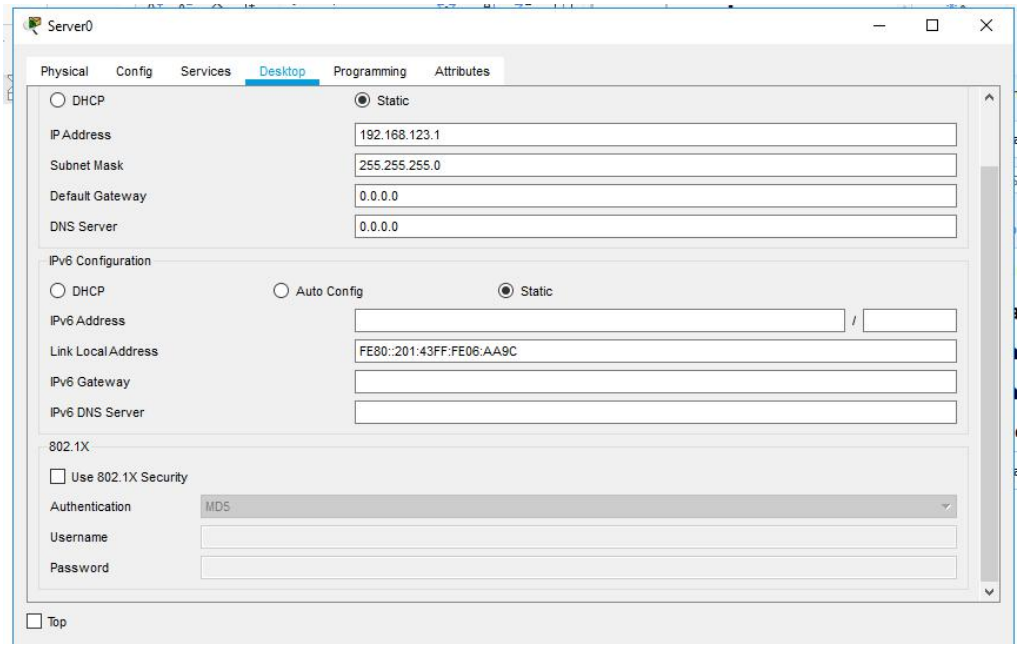


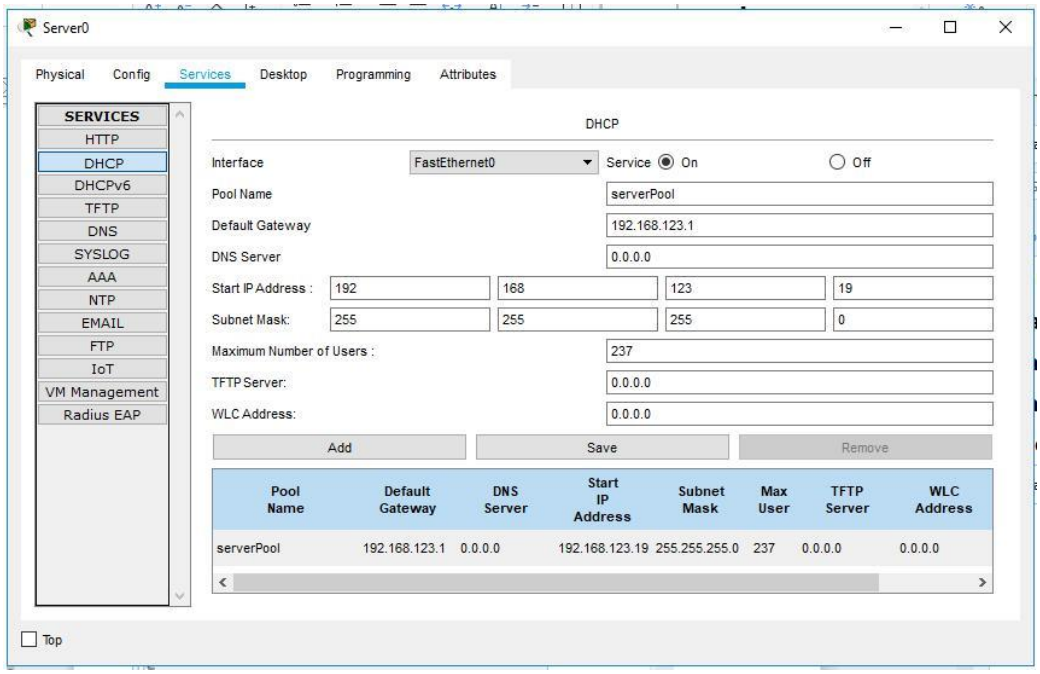
Tugas

1. Buatlah DHCP server dengan packet tracker dengan client terdiri dari 20PC! Persiapan simulasi server DHCP dengan menggunakan 20 buah workstation, 1switch, dan 1 server.

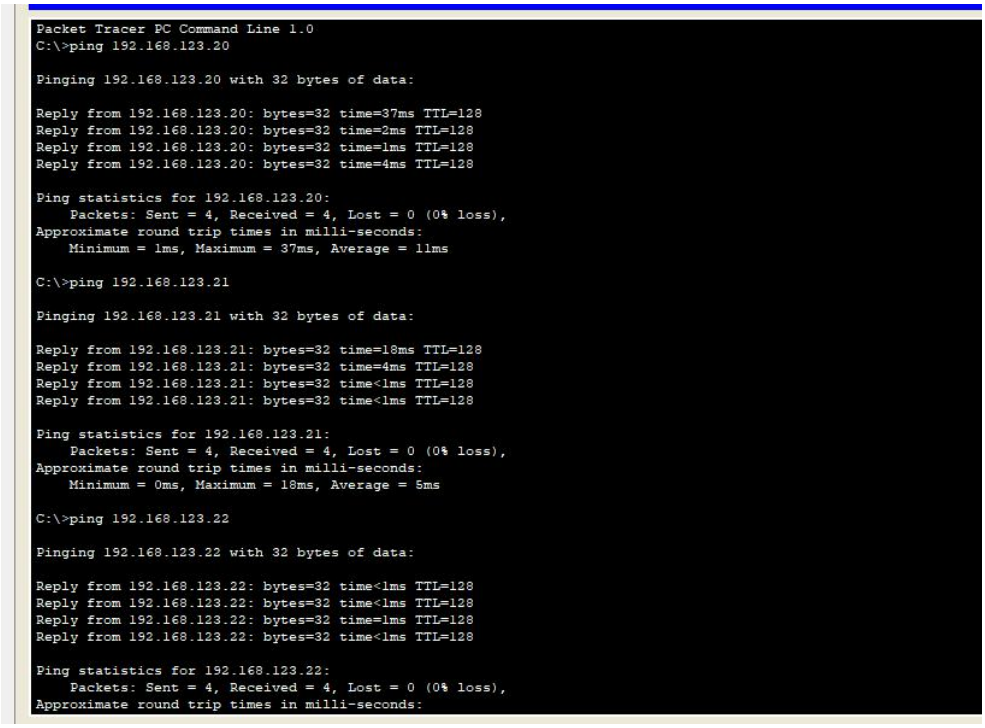


Melakukan konfigurasi IP adress pada server 0



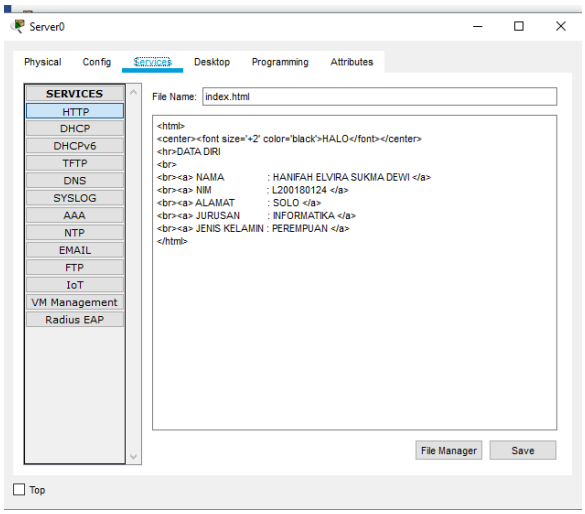


Melakukan ping



```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.20

Pinging 192.168.123.20 with 32 bytes of data:

Reply from 192.168.123.20: bytes=32 time=37ms TTL=128
Reply from 192.168.123.20: bytes=32 time=2ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=4ms TTL=128

Ping statistics for 192.168.123.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 37ms, Average = 11ms

C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time=18ms TTL=128
Reply from 192.168.123.21: bytes=32 time=4ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 18ms, Average = 5ms

C:\>ping 192.168.123.22

Pinging 192.168.123.22 with 32 bytes of data:

Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
```

2. Buatlah web server pada packet tracker. Dengan mengubah tampilan pada web tersebut. Mengubah tampilan web sesuai ketentuan



Tampilan web setelah diubah