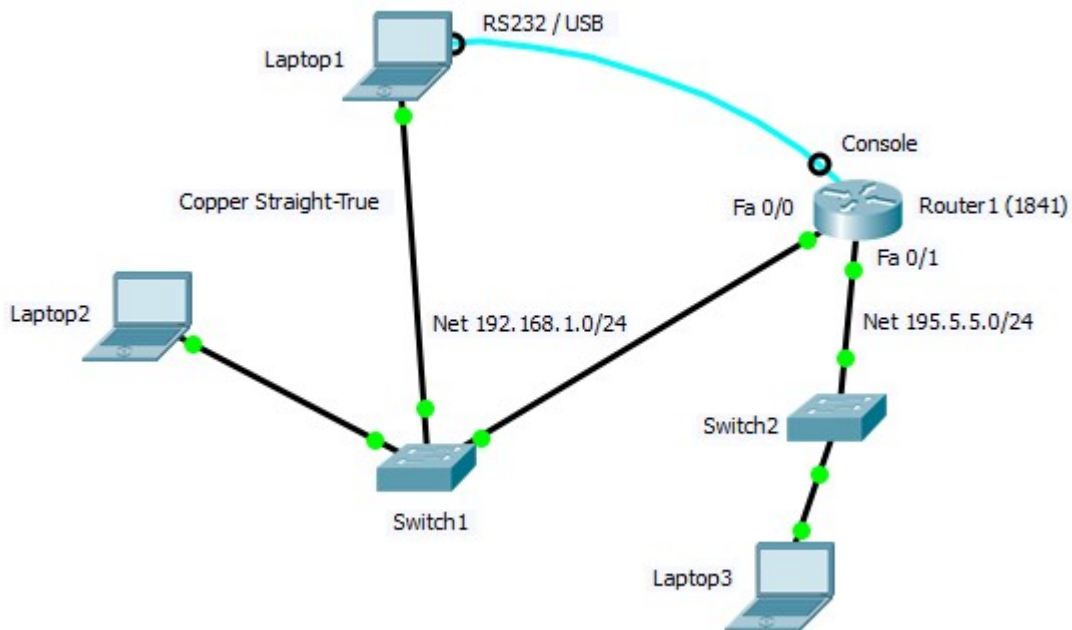


Tehtävä 2

Reitittimen Ethernet- porttien konfigurointi



Asennetaan yllä oleva verkko ja konfiguroidaan työasemille ja reitittimelle taulukon mukaiset asetukset. Kopioidaan lopuksi asetukset muistiin ja testataan laitteiden väliset yhteydet.

Router name	Fa0/0 Address	Fa0/1 Address
Router1	192.168.1.1/24	195.5.5.1/24

Host	IP Address/mask	Gateway
Laptop1	192.168.1.2/24	192.168.1.1
Laptop2	192.168.1.3/24	192.168.1.1
Laptop3	195.5.5.2/24	195.5.5.1

Reitittimen konfigurointi

```
Router>enable
Router#configure terminal
Router(config)#hostname Router1
Router1(config)#interface FastEthernet0/0
Router1(config-if)#ip address 192.168.1.1 255.255.255.0
Router1(config-if)#no shutdown
```

```
Router1(config-if)#exit
```

```
Router1(config)#interface FastEthernet0/1
```

```
Router1(config-if)#ip address 195.5.5.1 255.255.255.0
```

```
Router1(config-if)#no shutdown
```

```
Router1(config-if)#exit
```

```
Router1(config)#exit
```

```
Router1#copy running-config startup-config
```

```
Destination filename [startup-config]?
```

```
Building configuration...
```

```
[OK]
```

```
Router1#
```

Testataan laitteiden väliset yhteydet

Alla Laptop1 (192.168.1.2) –> Laptop3 (195.5.5.2) välinen yhteys toimii

```
PC>ping 195.5.5.2

Pinging 195.5.5.2 with 32 bytes of data:

Reply from 195.5.5.2: bytes=32 time=0ms TTL=127
Reply from 195.5.5.2: bytes=32 time=0ms TTL=127
Reply from 195.5.5.2: bytes=32 time=0ms TTL=127
Reply from 195.5.5.2: bytes=32 time=1ms TTL=127

Ping statistics for 195.5.5.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

PC>
```