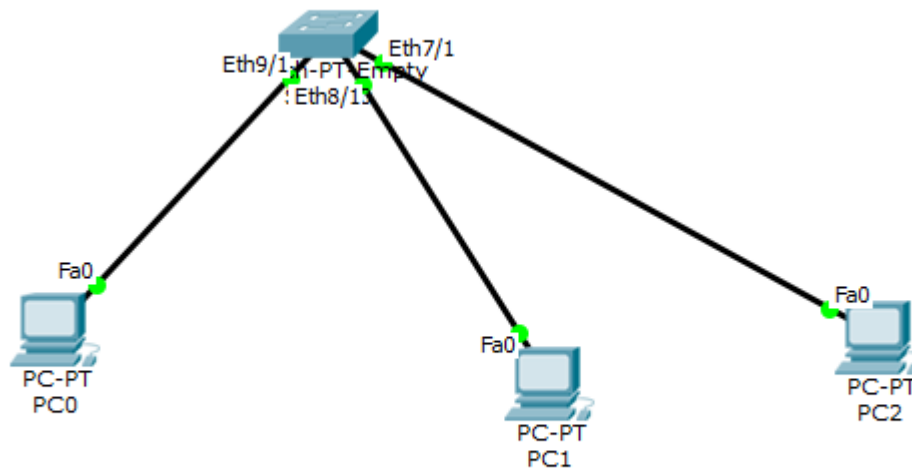Aim: To construct simple LAN and understand the concept and operation of Address Resolution Protocol (ARP)

Topology:



Before the PDU was sent:

```
Packet Tracer PC Command Line 1.0
PC>ARP -A
No ARP Entries Found
PC>
```

After the packet was sent:

```
Packet Tracer PC Command Line 1.0
PC>ARP -A
  Internet Address        Physical Address        Type
  10.0.0.3                0009.7cbd.e238          dynamic

PC>
```

```
Switch>show mac address-table
         Mac Address Table
------------------------------------------------

Vlan    Mac Address        Type        Ports
----    -----------        --------    -----

  1     0006.2a1b.334c     DYNAMIC     Eth9/1
  1     0009.7cbd.e238     DYNAMIC     Eth7/1
```