EXPERIMENT-6
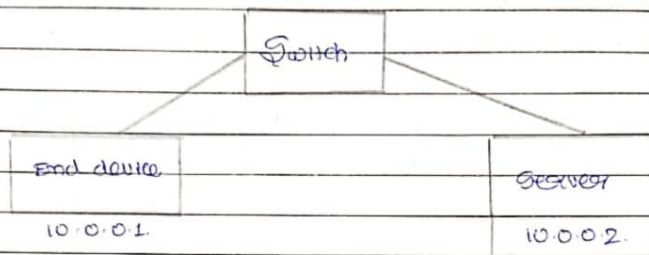
Configure Web Server, DNS within a LAN.

Experiment-6

Aim: To configure web servers, DNS within a LAN.

Topology:

End device
10.0.0.1.

Switch

Server
10.0.0.2.

Procedure:

* connect an end device and a server to a switch.
* Assign IP addresses to both end device and server.
* Configure DNS service on server.
  Move to services tab and open DNS service tab and open DNS server from the menu.
* Turn on the DNS service.
* Add and save domain names with their IP addresses.
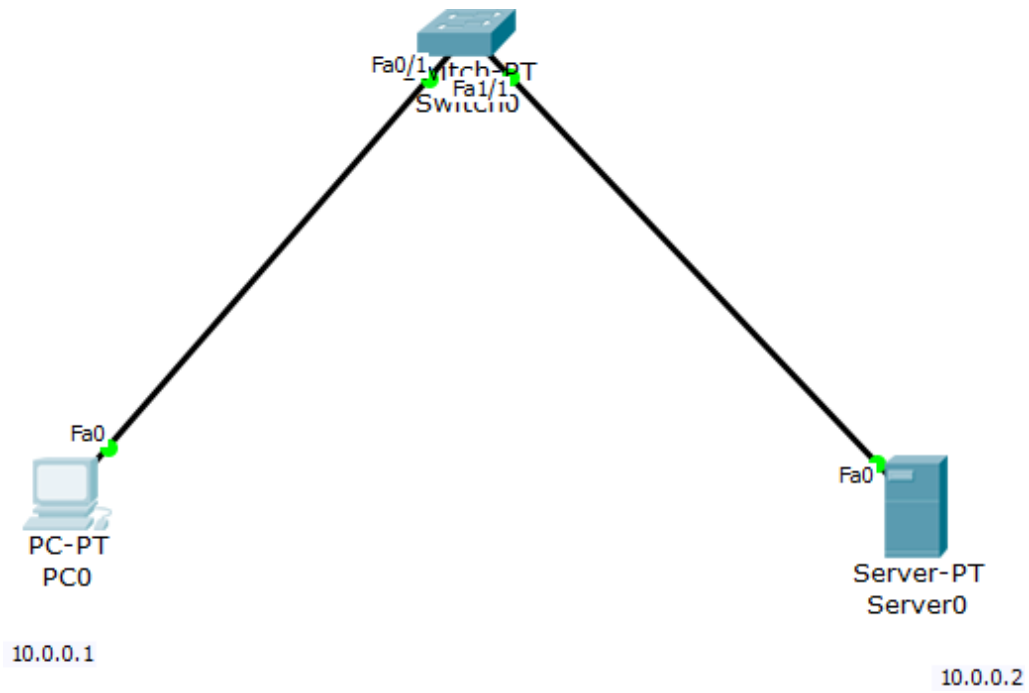* Open web browser on end device, enter domain name and observe the output.

Result :

```
                    RESUME
  ┌──────────┐
  │          │
  │  INAGE   │
  │          │
  └──────────┘
```

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Project : www.github.com/AmshuGM/projects.

Observation :

* On entering domain name on web browser,
  we obtain stored web page. Domain
  Name Service (DNS) translates domain
  names to their respective IP addresses,
  enabling system communication even when
  user doesn't know the IP address.

Topology:

Fao/1 Switch-PT
Fa1/1
Switch0

Fa0
PC-PT
PC0

10.0.0.1

Fa0
Server-PT
Server0

10.0.0.2

Result: