


```

Router(config-if)#exit
Router(config)#interface f 1/0
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed
state to up
exit
Router(config)#router rip
Router(config-router)#exit
Router(config)#interface f 0/0
Router(config-if)#ip helper-
Router(config-if)#ip helper-address 192.168.2.2
Router(config-if)#

```

Assignment-2

Problem Statement: Create a network and introduce a DNS in that network.

Screen-Shot:

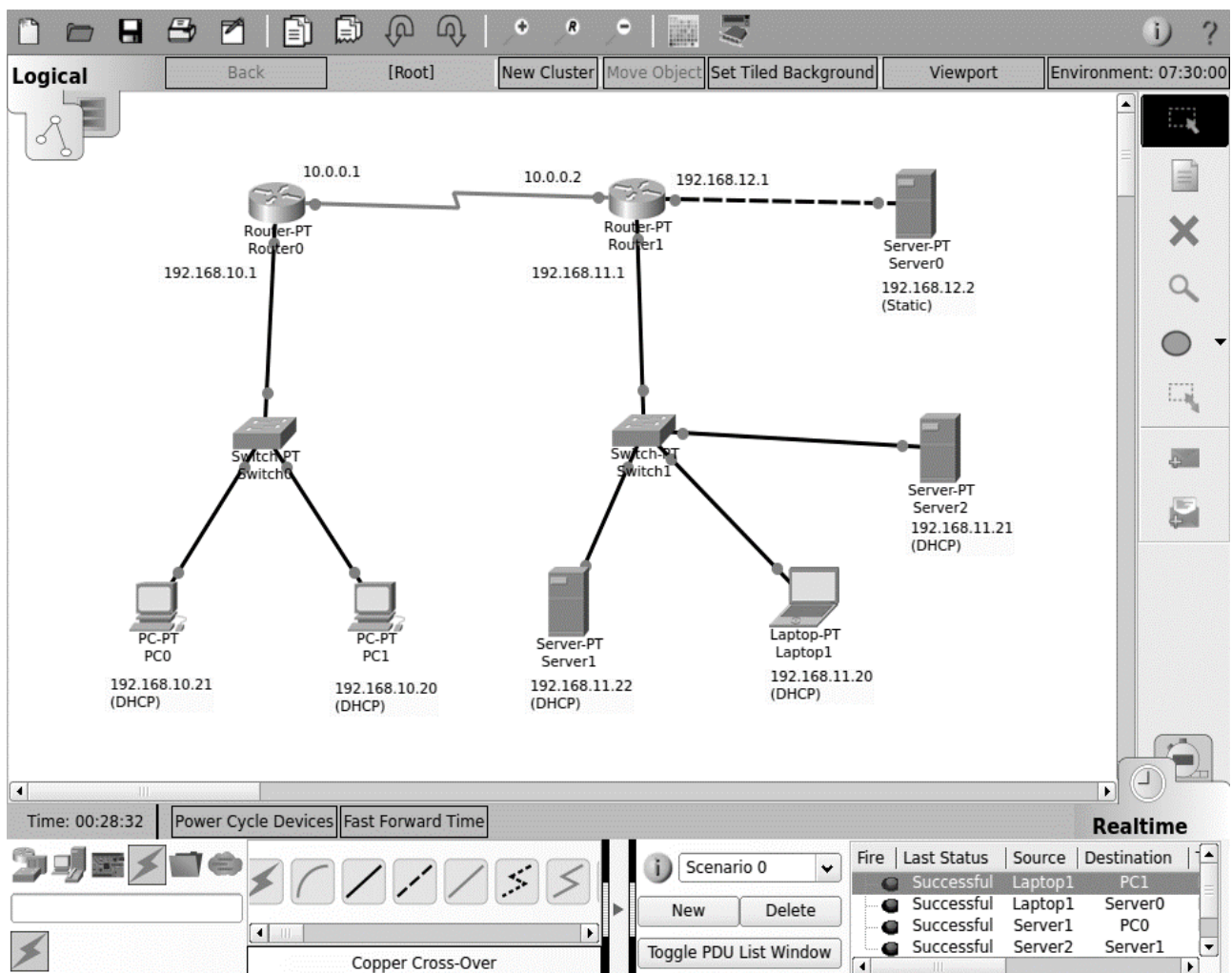


Fig: Network

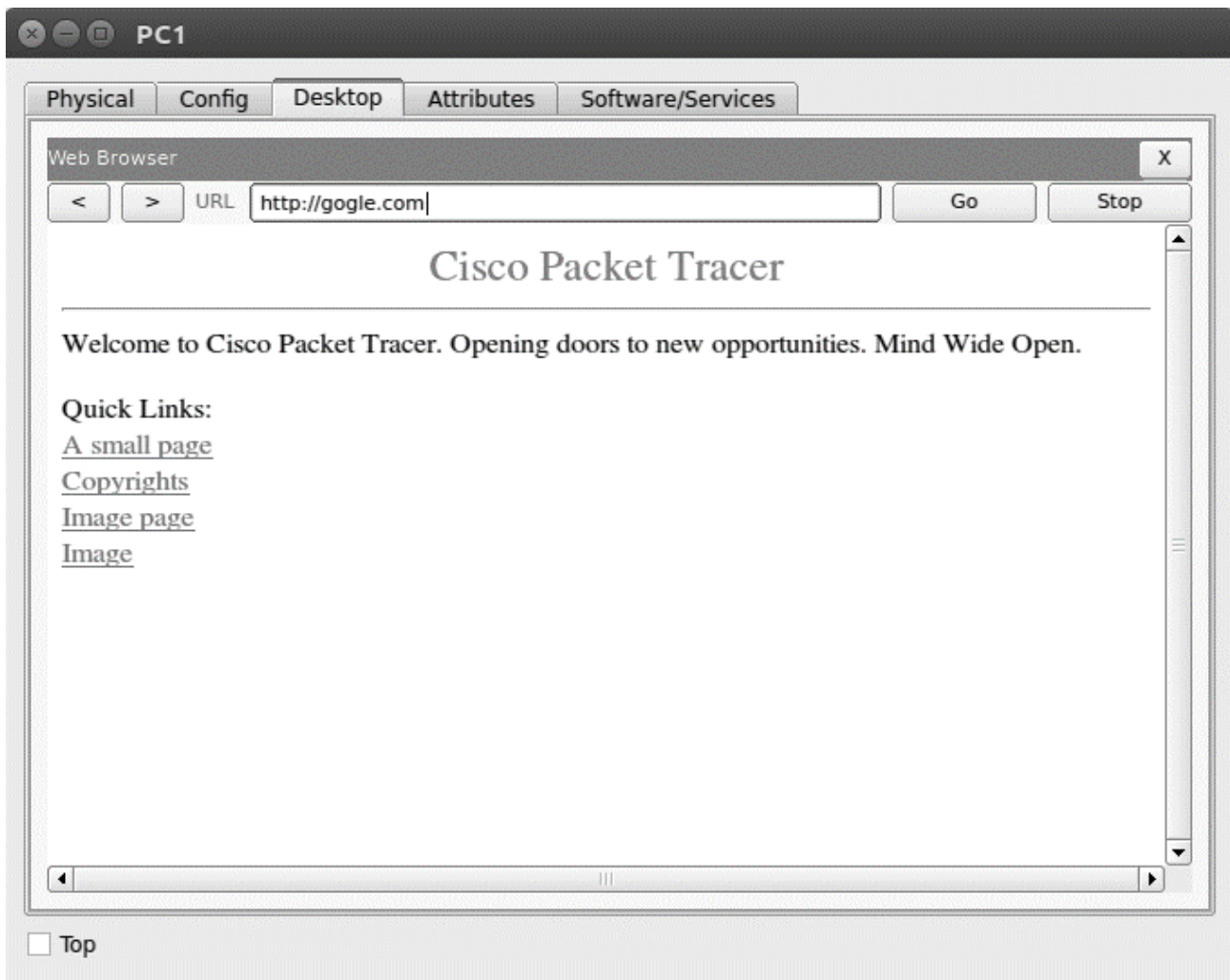


Fig: Browser in a terminal

CLI code:

Router-0:

```
Router>en
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface f0/0
Router(config-if)#ip address 192.168.10.1 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed
state to up

Router(config-if)#exit
Router(config)#interface se2/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#clock rate 64000
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial2/0, changed state to down
Router(config-if)#exit
Router(config)#interface f0/0
Router(config-if)#
```

%LINK-5-CHANGED: Interface Serial2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

```
Router(config-if)#ip helper-address 192.168.12.2
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 192.168.10.0
Router(config-router)#network 10.0.0.0
Router(config-router)#exit
Router(config)#
```

Router-1:

```
Router>en
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface se2/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#no shutdown
```

```
Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up
```

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

```
Router(config-if)#exit
Router(config)#interface f1/0
Router(config-if)#ip address 192.168.12.1 255.255.255.0
Router(config-if)#no shutdown
```

```
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up
```

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up

```
Router(config-if)#exit
Router(config)#interface f0/0
Router(config-if)#ip address 192.168.11.1 255.255.255.0
Router(config-if)#ip helper-address 192.168.12.2
Router(config-if)#no shutdown
```

```
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
```

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

```
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#
Router(config-router)#network 192.168.11.0
Router(config-router)#network 192.168.12.0
Router(config-router)#network 10.0.0.0
Router(config-router)#exit
Router(config)#
```