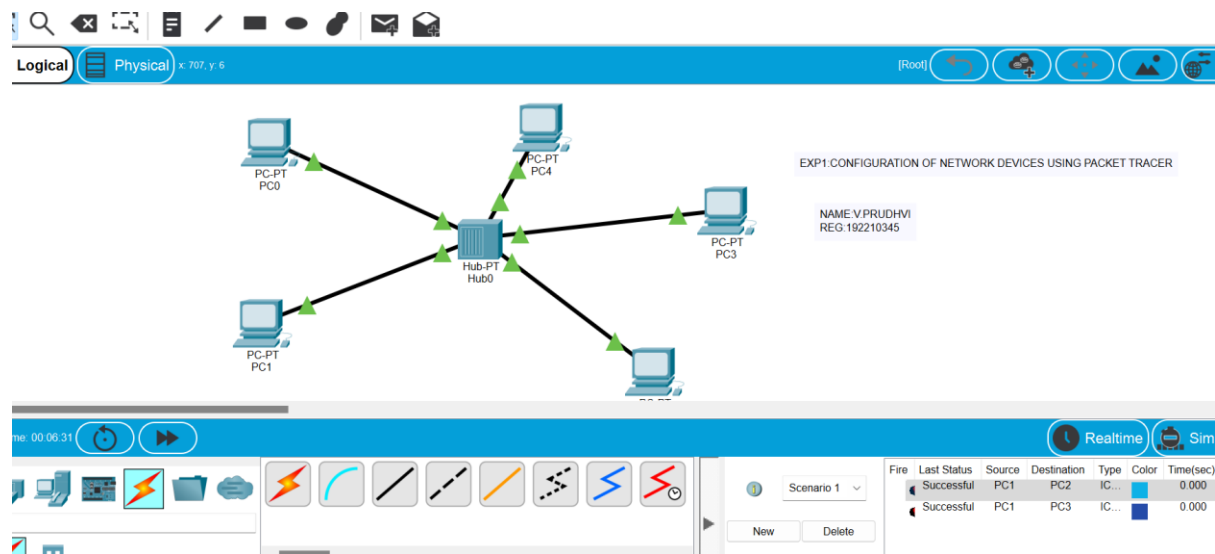


COMPUTER NETWORKS EXPERIMENTS 1-12

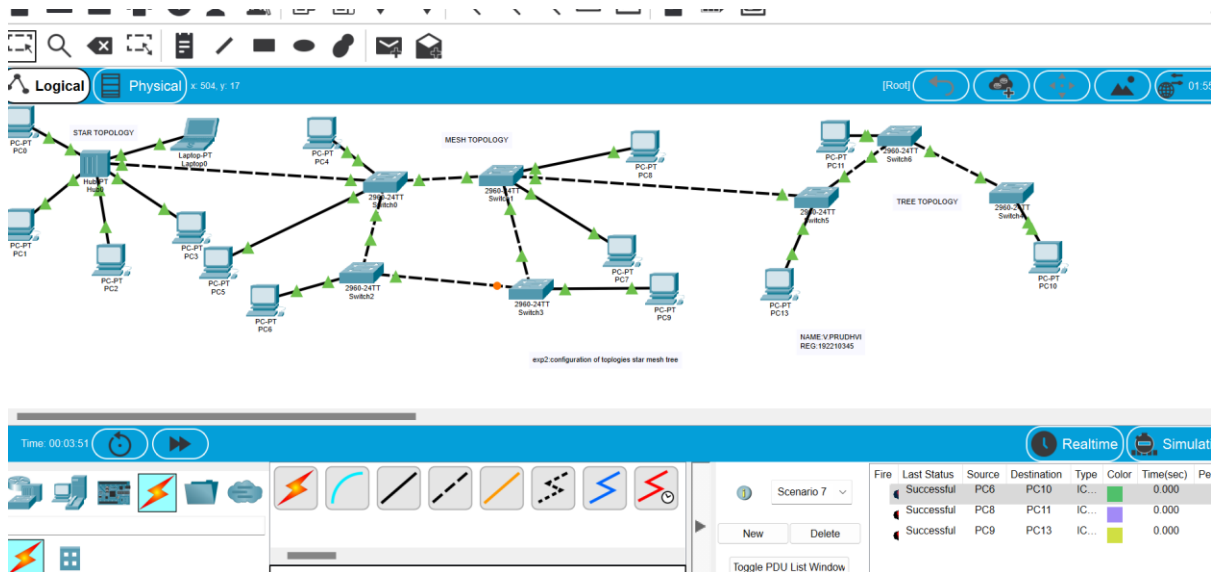
NAME:V.PRUDHVI

REG:192210345

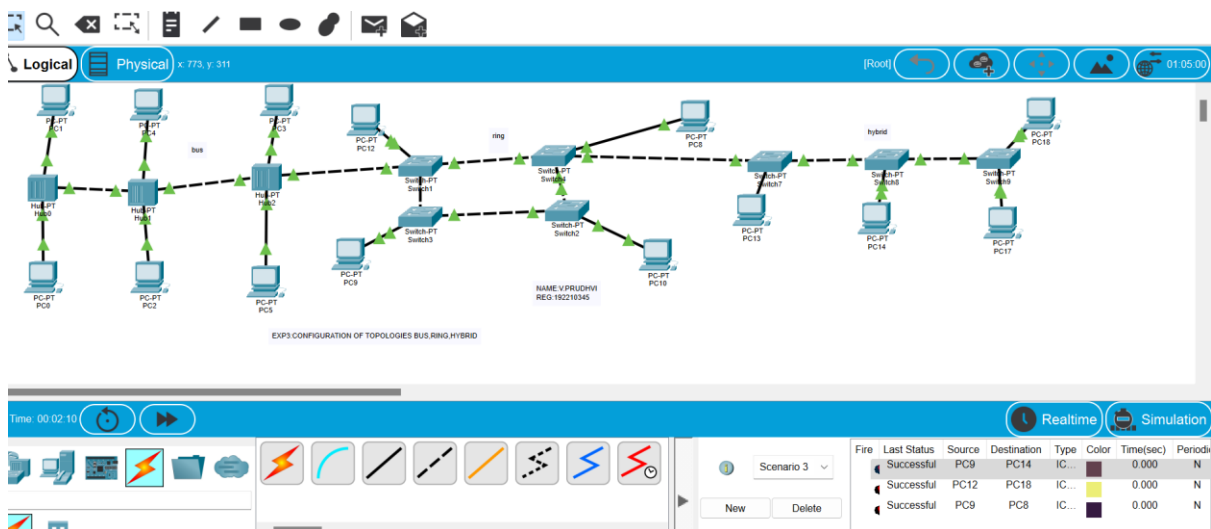
1.CONFIGURATION OF NETWORK DEVICES USING PACKET TRACER(HUB,SWITCH,ETHERNET,BROADCAST).



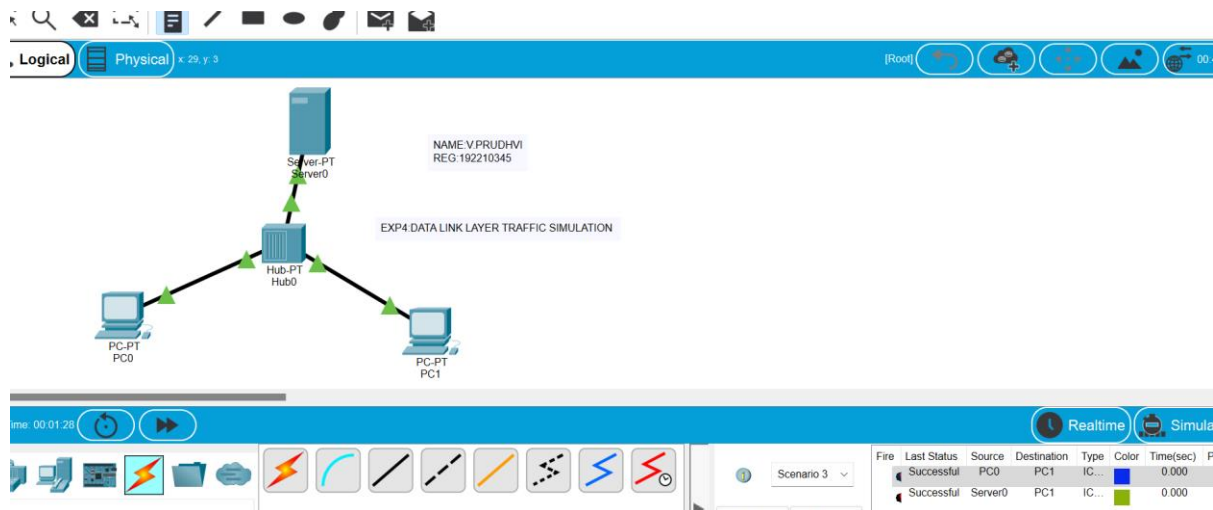
2.Configuration of Topologies using Packet Tracer (Star, Mesh, Tree,)



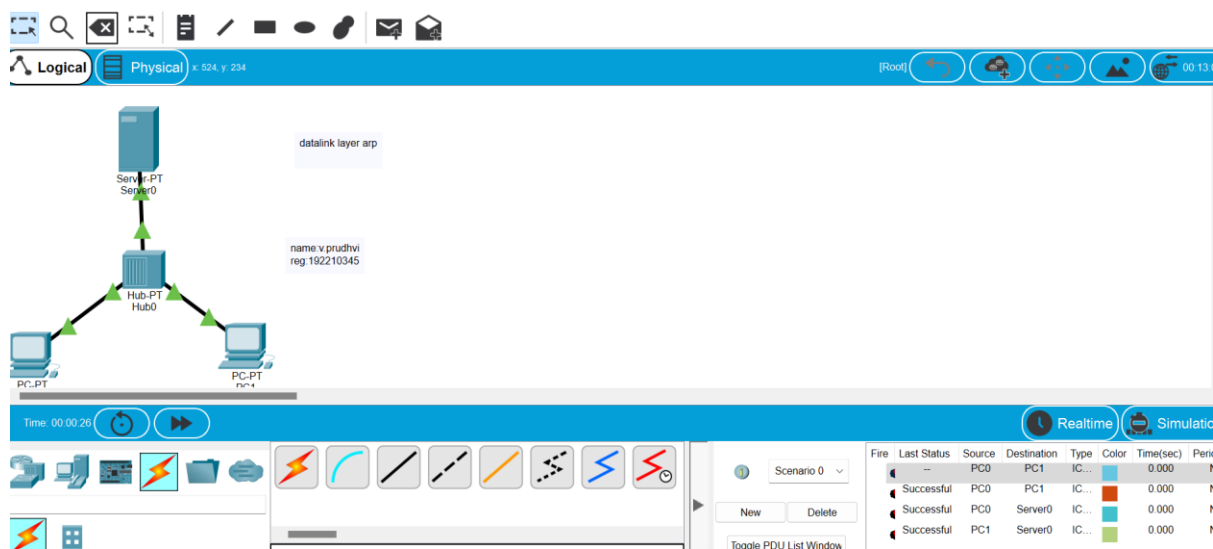
3.Configuration of Topologies using Packet Tracer (Bus, Ring, Hybrid)

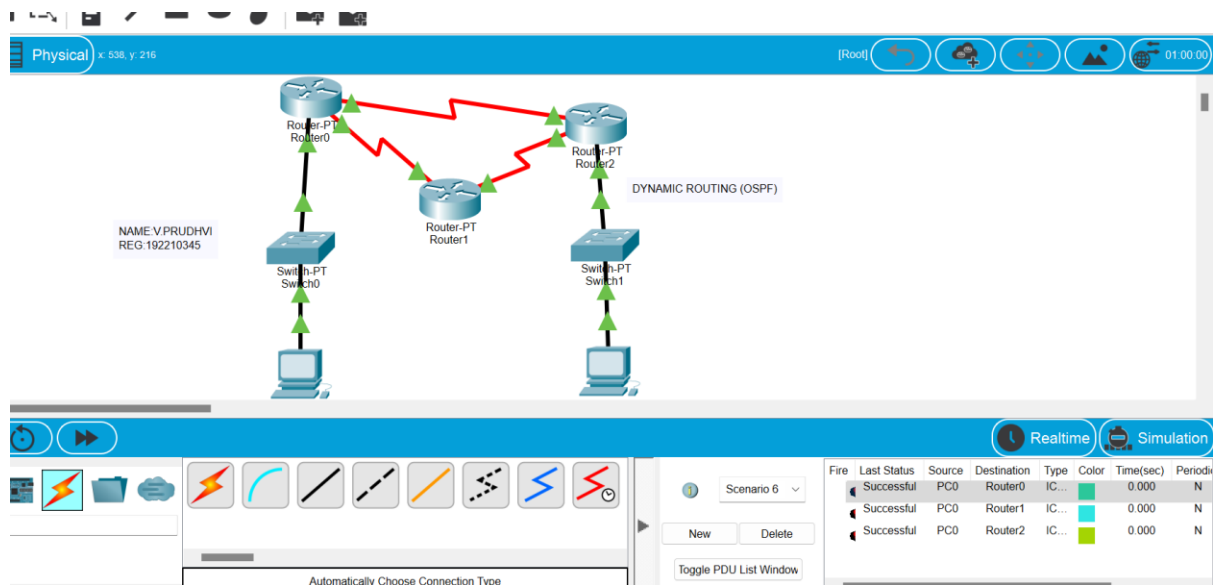


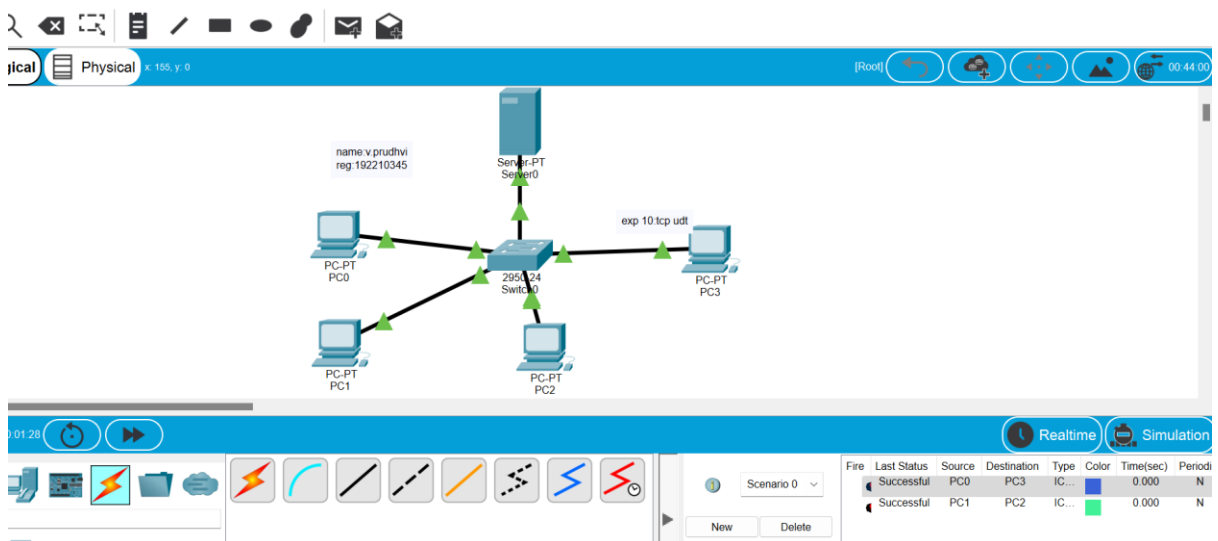
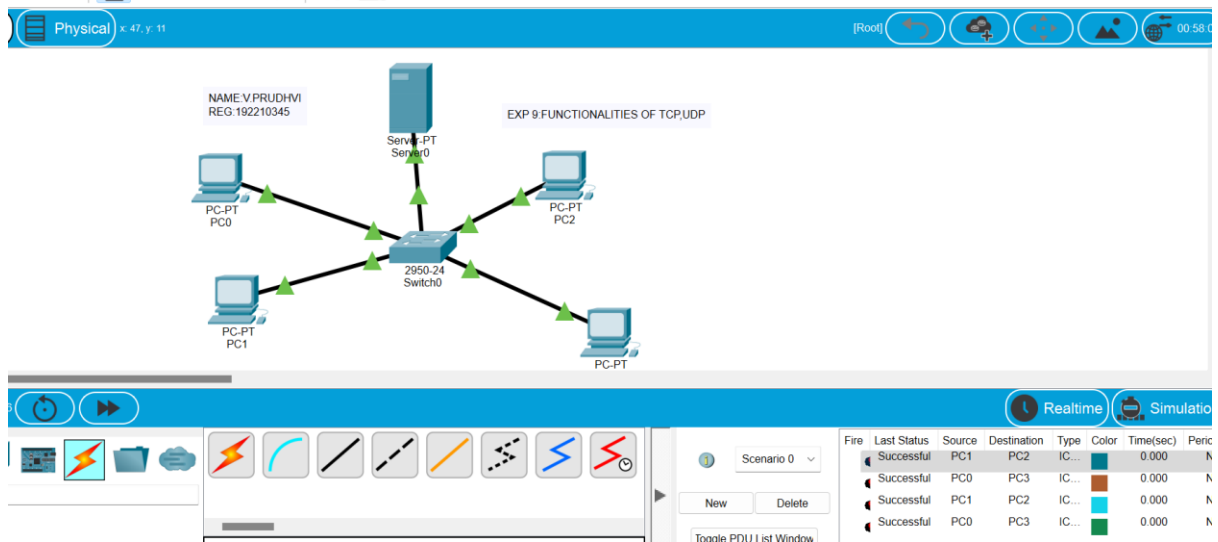
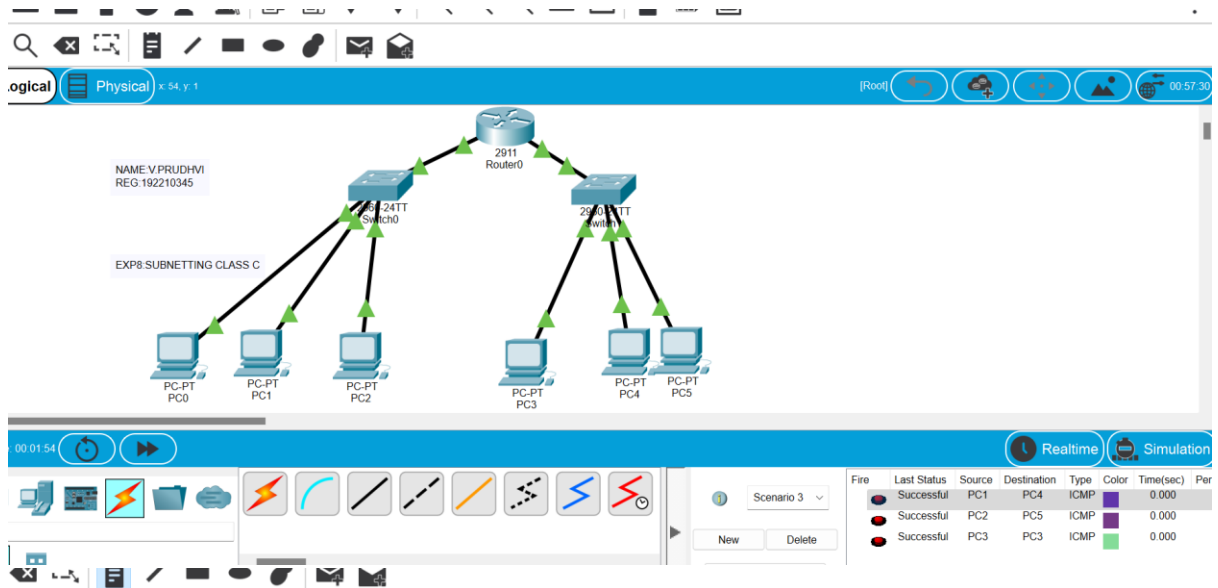
4.Data Link Layer Traffic Simulation using Packet Tracer Analysis of CSMA/CD& CSMA/CA



5.Data Link Layer Traffic Simulation using Packet Tracer Analysis of ARP







IoT Monitor

IoT Server - Devices Home | Conditions | Editor | Log Out

ceeling fan (PTT08102K10-) Ceiling Fan

Status Off Low High

IoT1 (PTT0810YPO5-) Window

On

The screenshot shows the IoT Monitor application. On the left, a physical network diagram is displayed with a central 'Home Gateway' connected to a 'Fan ceiling fan', a 'Window', and a 'SMARTPHONE-PT'. The diagram is titled 'EXP 10: IOT BASED SMART H...'. On the right, a list of devices is shown. The first device is 'ceeling fan (PTT08102K10-)' with a status of 'High'. The second device is 'IoT1 (PTT0810YPO5-)' with a status of 'On'. The interface includes a top menu bar with 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes' tabs. A bottom status bar shows the time '00:01:44' and some control buttons.

Web Browser

URL: http://192.168.1.10/home.html Go Stop

IoT Server - Devices Home | Conditions | Editor | Log Out

IoT0 (PTT0810XQO6-) Lawn Sprinkler

Status

IoT1 (PTT0810VYYV-) Water Level Monitor

Water Level 21.8 cm

The screenshot shows the IoT Monitor application. On the left, a physical network diagram is displayed with a central 'HomeRouter-PT-AC Wireless Router0' connected to a 'Server-PT Server1', a 'Lawn Sprinkler IoT0', and a 'Water Level Monitor IoT1'. The diagram is titled 'EXP12: GARDEN CONTROL'. On the right, a list of devices is shown. The first device is 'IoT0 (PTT0810XQO6-)' with a status of 'On'. The second device is 'IoT1 (PTT0810VYYV-)' with a water level of '21.8 cm'. The interface includes a top menu bar with 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes' tabs. A bottom status bar shows the time '00:06:53' and some control buttons.