

NIKHIL RANA
201951103

(Section-1)

Experiment-3

CS361

AIM:- To understand the configuration of web server, Switch to server connections, Switch to PC connections.

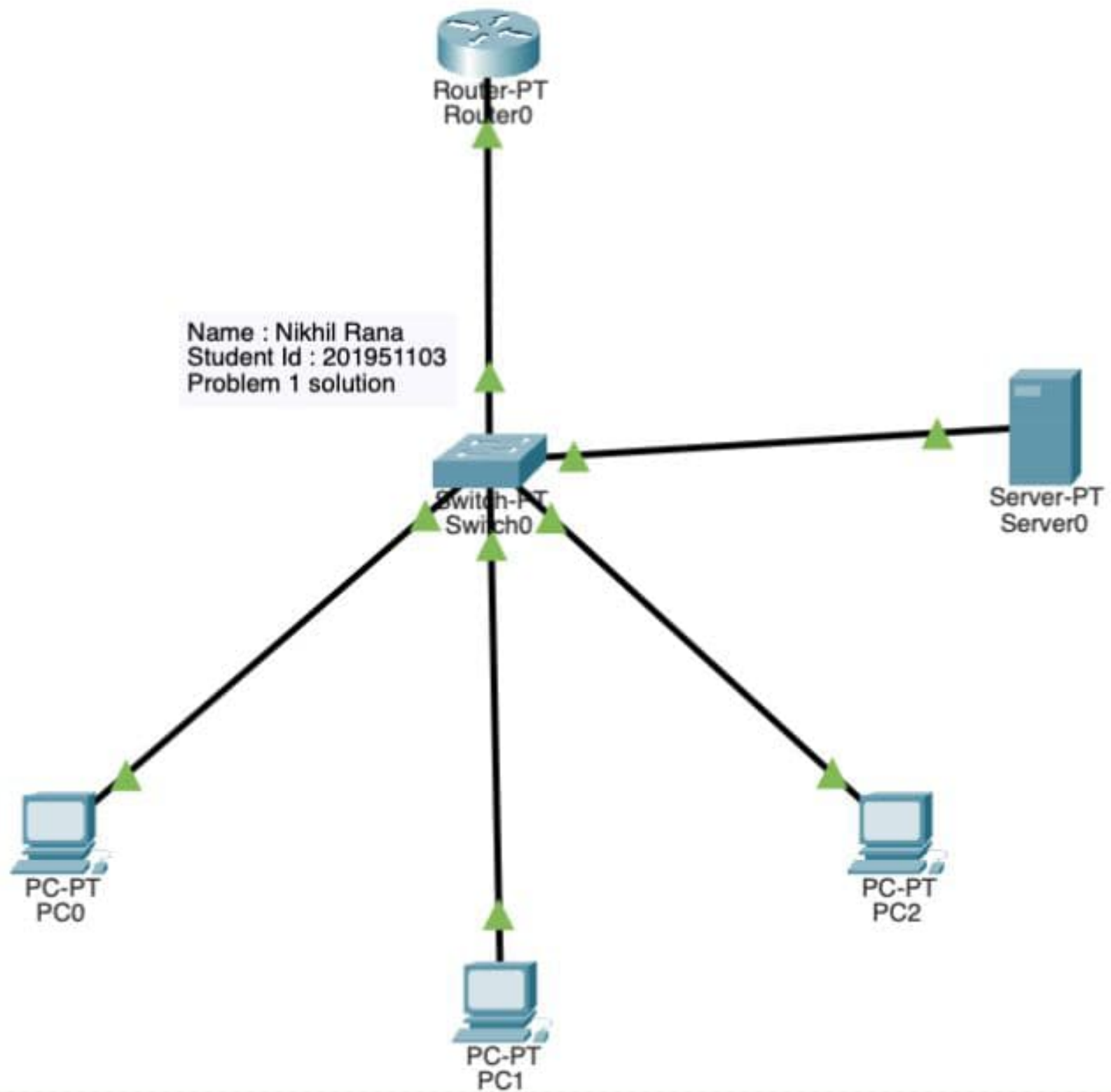
Tool:- CISCO PACKET TRACER

Theory:-

DNS is the phonebook of the internet. When users type domain names such as 'google.com' or any address into web browsers, DNS is responsible for finding the correct IP address for these sites.

Server is a device or program dedicated to providing services to other programs, referred to as clients. DNS clients, which are built into most modern desktop and mobile operating systems, enable web-browsers to interact with DNS servers.

Conclusion:- In this lab we studied how to make a DNS server and connect http and form some webpages through server and open them using different PC's. Also learned to connect router with server and how the configuration is done in router.



< > URL http://192.168.1.2

Go

Stop

Welcome to Nikhil Rana Server

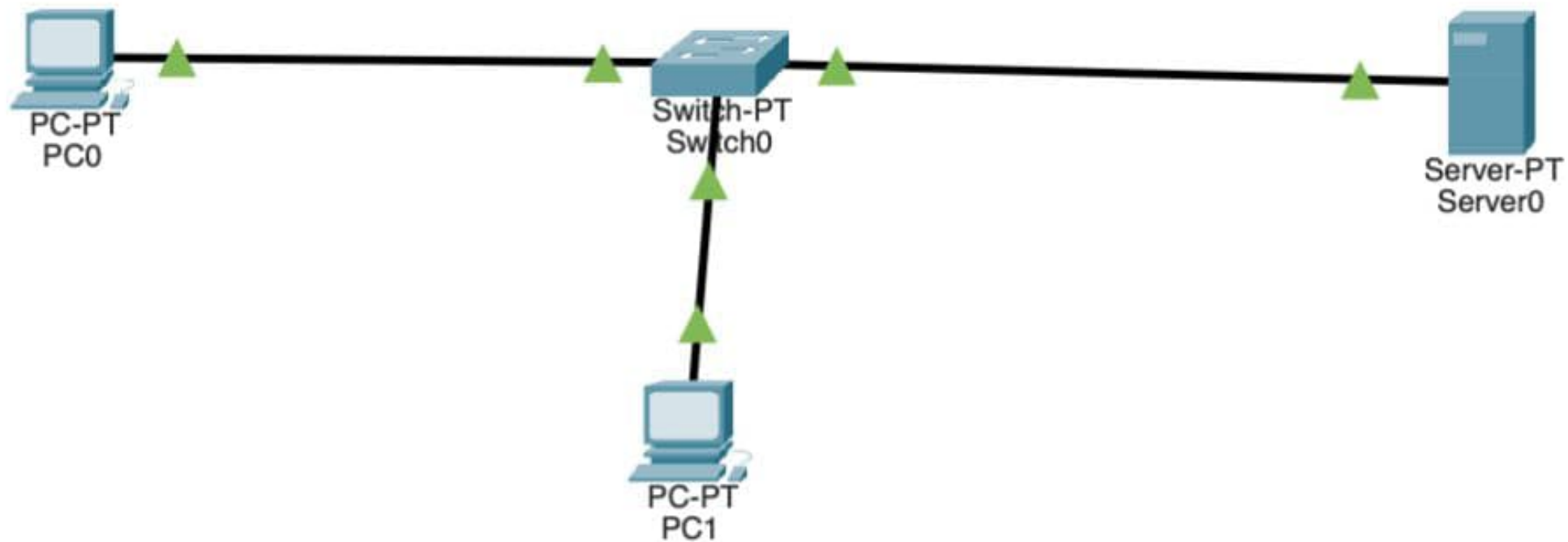
Name : Nikhil Rana

Student Id : 201951103

Problem :1 Solution

With the help of a few PCs and one web server and one switch to connect all devices through router. Make sure all devices should be connected by straight through cable because for connecting different devices (straight through cable). Assign IPs to each end device (server and PCs) of a single network (192.168.1.0) with subnet mask 255.255.255.0 It can different as per your choice. Create a web page that should contain Your name and roll number.

Name : Nikhil Rana
Student Id : 201951103
Problem 2 solution



Web Browser

X



URL http://192.168.1.1

Go

Stop

Welcome to Nikhil Rana Server

Name : Nikhil Rana

Student Id : 201951103

Problem :2 Solution

With the help of a DNS server, create your own Web browser.