Name
 Sajawal Khan

 Department:
 BS(CS)

 Semester
 4th

 ID
 :
 #14756

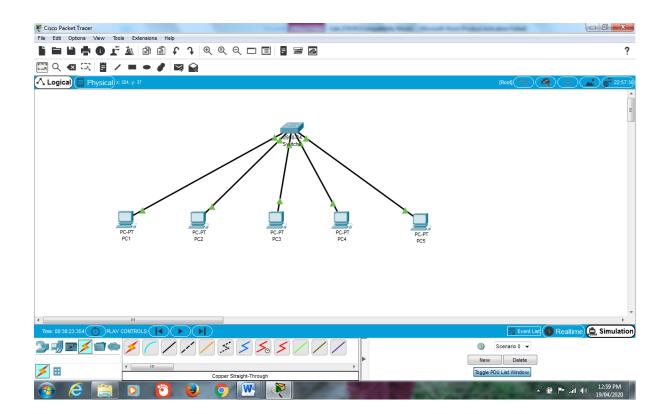
 Paper Subject
 :
 Data Communication and Networks (LAB)

# <u>Task 1:</u>

Construct a network topology having one switch with connected with 5 PC's with Fast Ethernet Cable, assign them proper IP addresses, subnet mask and default gateways and send message from PC5 to PC1 and demonstrate the simulation.

### <u>Answer</u>

### **Construction:**



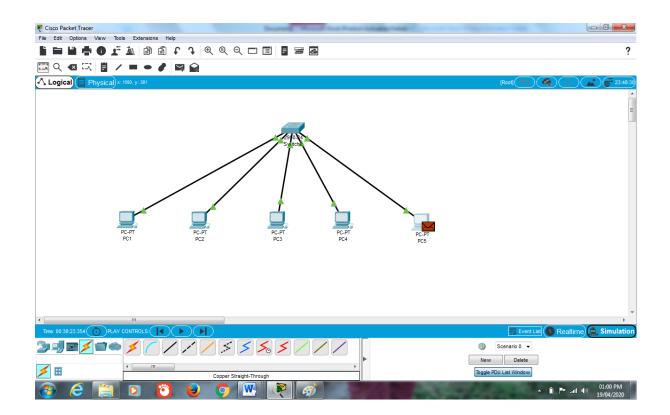
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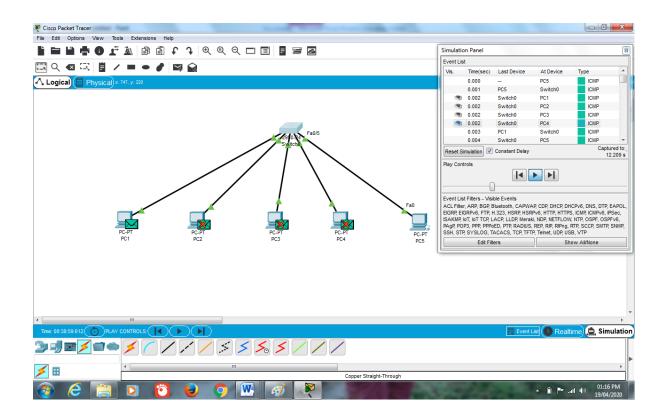
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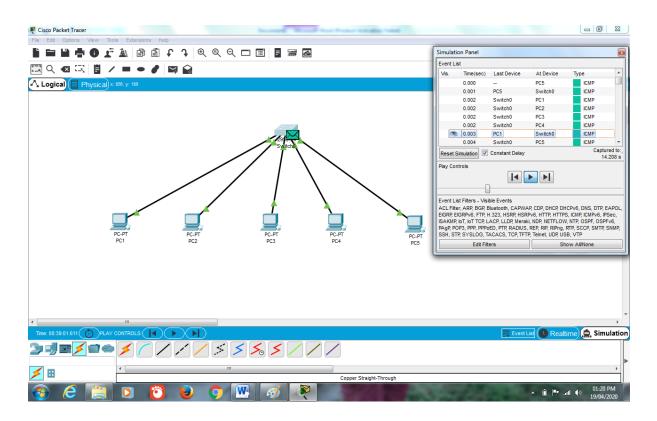
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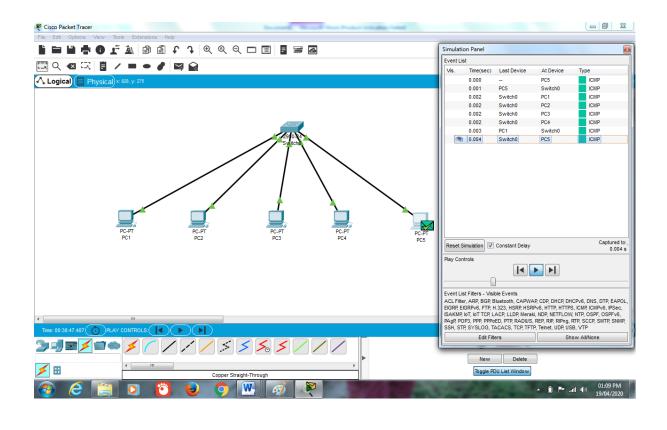
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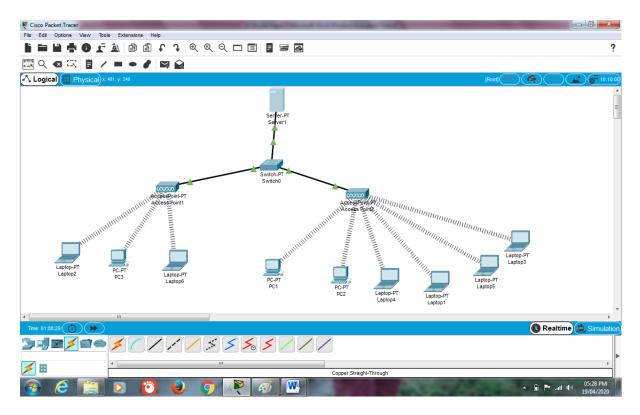


## <u> Task 2:</u>

Construct a client server model that have 9 hosts, three of them are computers, and other six hosts will be laptops, in which further connected to 2 access points through wireless channel, as three of them will be connected to access point 1 and other through access point 2, assign them IP address and subnet masks dynamically from the server. Moreover, access the HTTP server from the client and show the results.

### Answer:

**Construction:** 



### **IP Addresses and Subnet Masks:**

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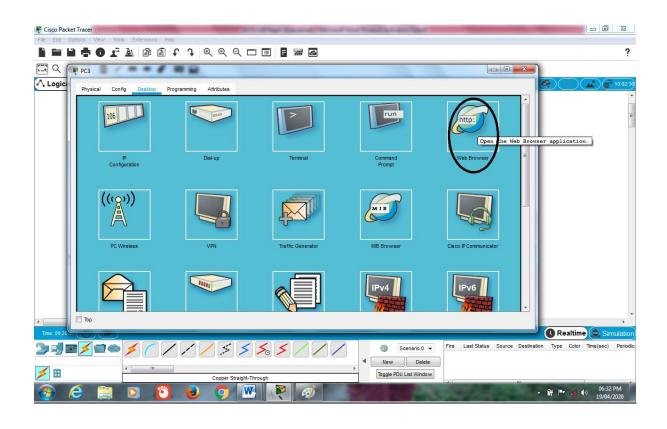
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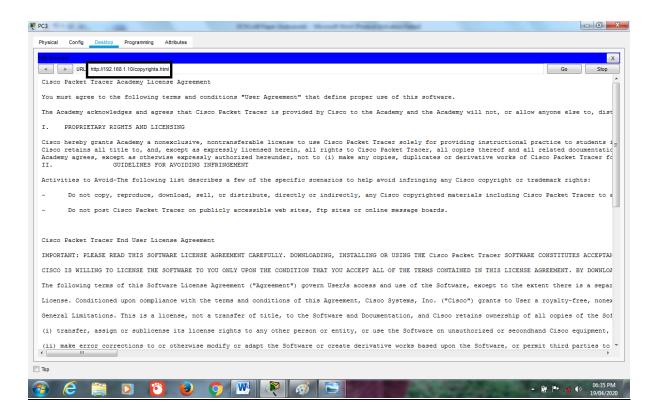
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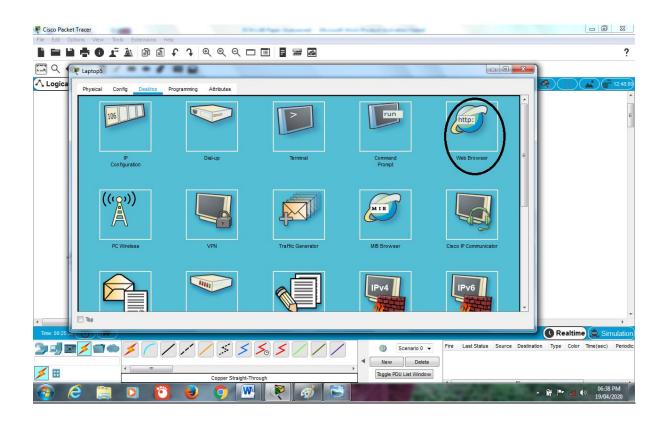
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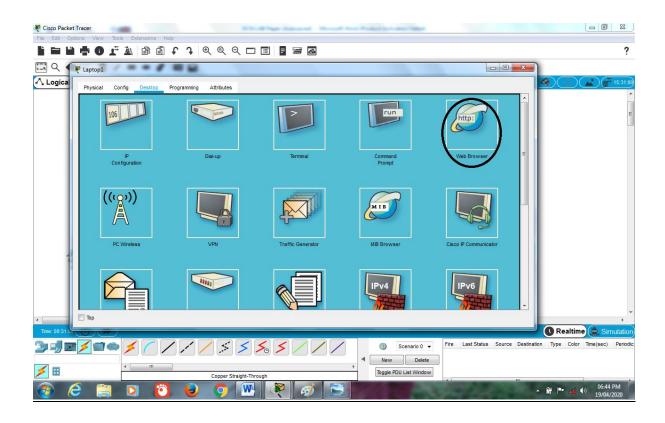
#### **HTTP Server from the Client and Results:**

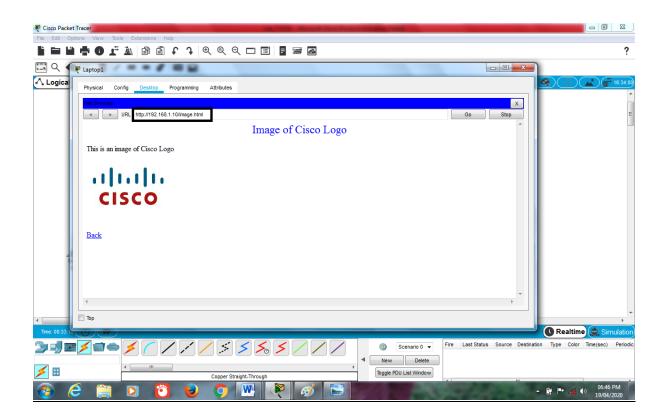






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