Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_06\_\_\_

LIST OF TASKS

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| TASK NO | OBJECTIVE |
| 01 | Take 4 switches named as: A, B, C, D and connect them in alphabetical order.  Perform and show the following configurations in your lab task:  a. Switch A with VLANs faculty and students having 1 logical port each.  b. Now assign 1 logical port each to VLANs faculty and students in Switch B and D.  c. Now make switch A in server mode, whereas B and D in client mode and switch C in transparent mode.  d. Assign IP addresses to PCs connected to Switch A, B and D.  e. Now ping within the same VLAN and outside the same VLAN and show your results. |
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Submitted On

03-11-2023

(Date: DD/MM/YY)

**Task 01:** Take 4 switches named as: A, B, C, D and connect them in alphabetical order.

Perform and show the following configurations in your lab task:

a. Switch A with VLANs faculty and students having 1 logical port each.

b. Now assign 1 logical port each to VLANs faculty and students in Switch B and D.

c. Now make switch A in server mode, whereas B and D in client mode and switch C in transparent mode.

d. Assign IP addresses to PCs connected to Switch A, B and D.

e. Now ping within the same VLAN and outside the same VLAN and show your results.

**Solution:**



























