Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**08**

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 01 | Configure static route on the following network and show all necessary configuration steps for each router. |
|  |  |

Submitted On:

**06/12/2023**

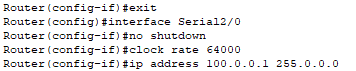
**LAB 08 CONFIGURING ROUTERS**

**TASK 01**

**STEP 01(CONFIGURING ROUTER)**

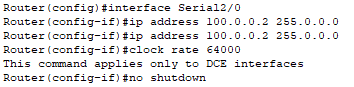
**Router 1**



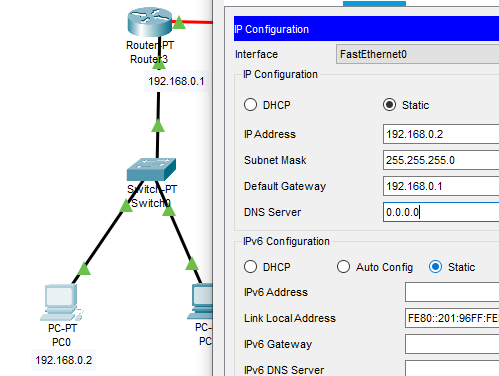


**Router 2**

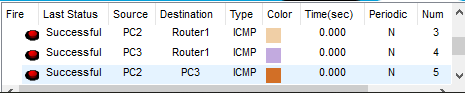




**STEP 02 (IP ADDRESS,SUBNET MASK & DEFAULT GATEWAY ARE SET FOR ALL THE PCS)**



**STEP 03 (CONNECTIONS FROM PC TO ROUTER OR TO PC WITHIN THE SAME NETWORK ARE SUCCESSFUL BUT WITHIN DIFFERENT NEWTWORK ARE FAILED)**



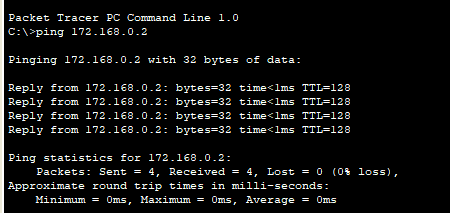
**STEP 04 (SPECIFYING THE NETWORK,SUBNET MASK & NEXT HOP)**

**FROM ROUTER 1** 

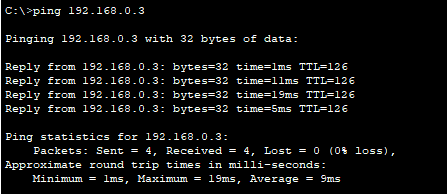
**FROM ROUTER 2 **

**STEP 05 (PINGING)**

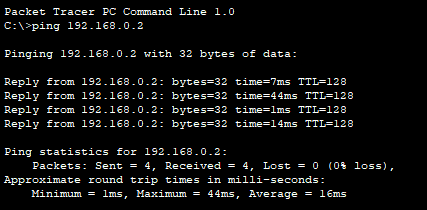
**PC3 TO PC2**

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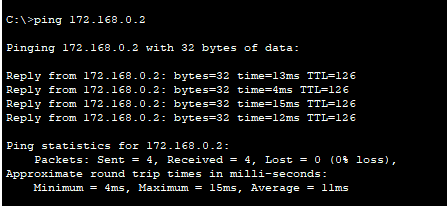
**PC2 TO PC1**

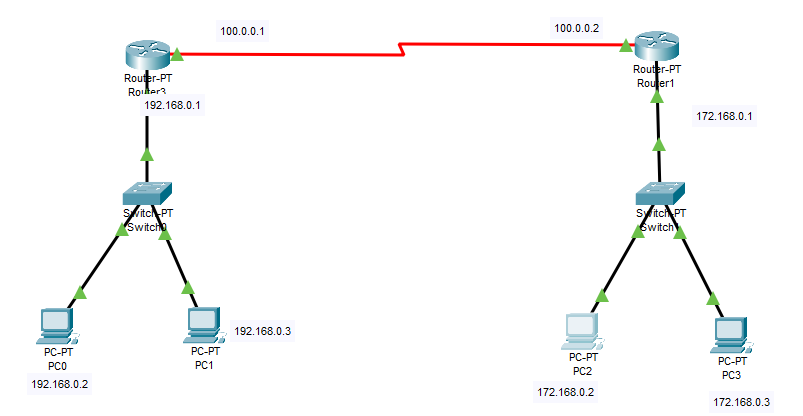
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**PC0 TO PC1**



**PC0 TO PC2**

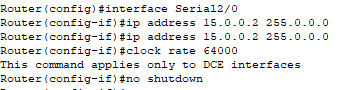
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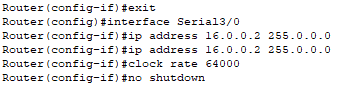


**TASK 02**

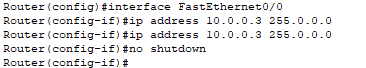
**STEP 01**

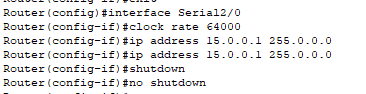
**ROUTER 3**



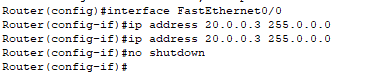


**ROUTER 1**



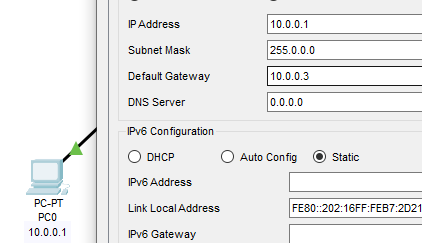
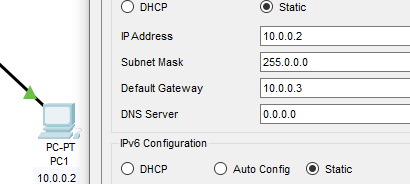


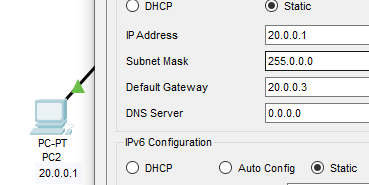
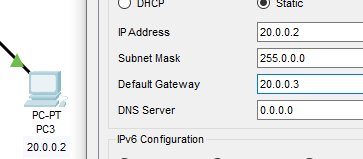
**ROUTER 2**



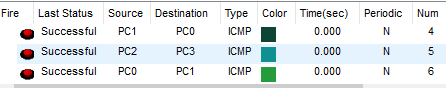


**STEP 02**

**STEP 03**

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**STEP 04**

**ROUTER 01**

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**ROUTER 02**

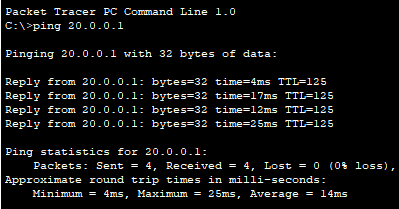
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**ROUTER 03**

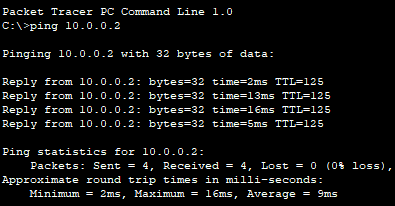
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**STEP 05**

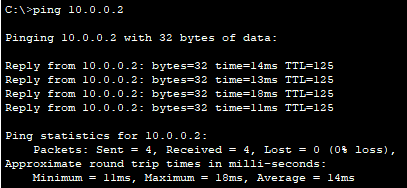
**PC0 TO PC2**

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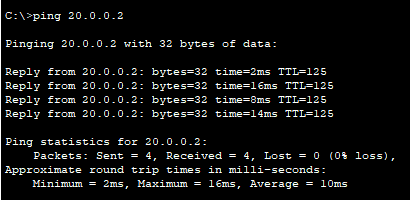
**PC3 TO PC1**

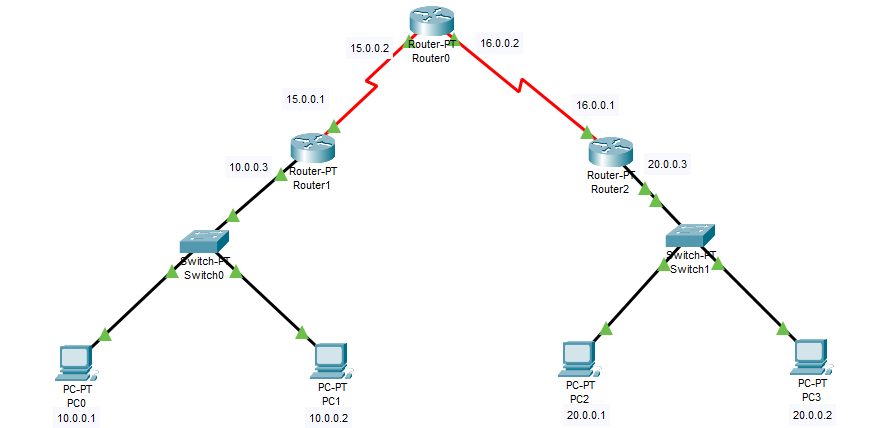
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**PC2 TO PC1**

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**PC1 TO PC3**

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