**Internet & Intranet Architecture (110656)**

**Project Report**

**Group Members:**

**1.Asad Sheikh: 11355**

**2.Sameer-Ul-Haq: 11334**

**3.Muhammad Nomir: 11330**

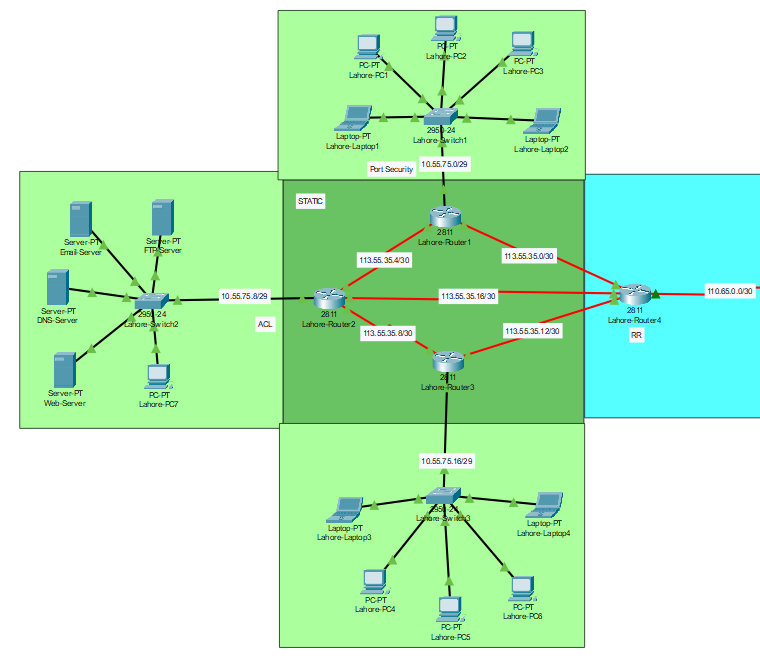
**4.Hina Qamar: 10706**

**Topology Diagram:**

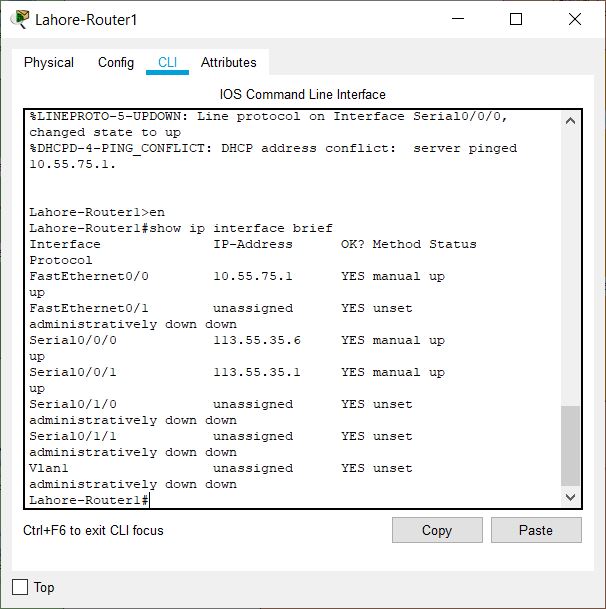
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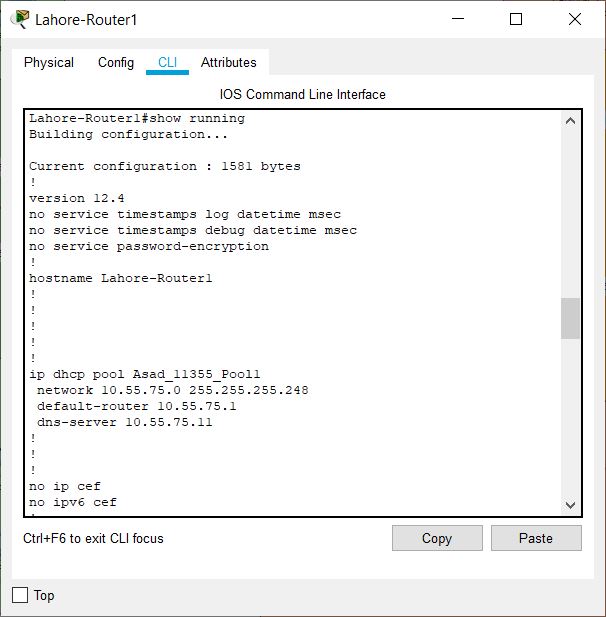
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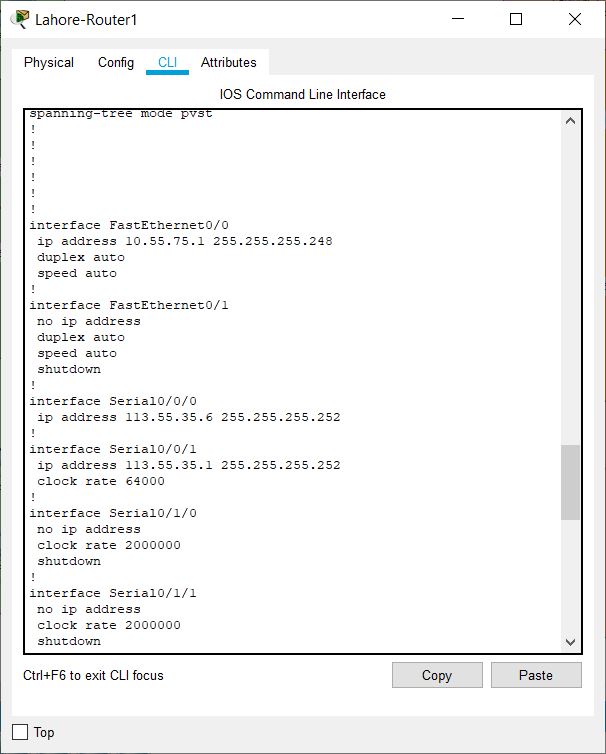
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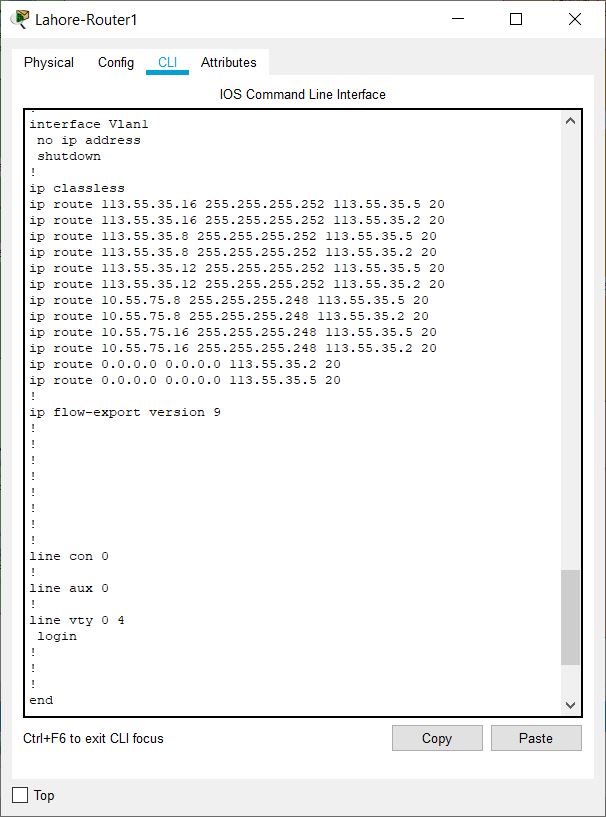
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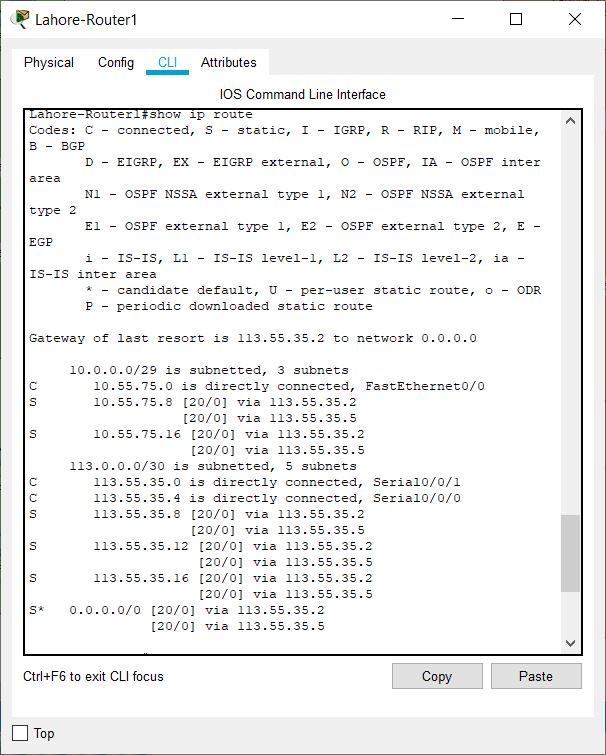
**Lahore-Router1:**

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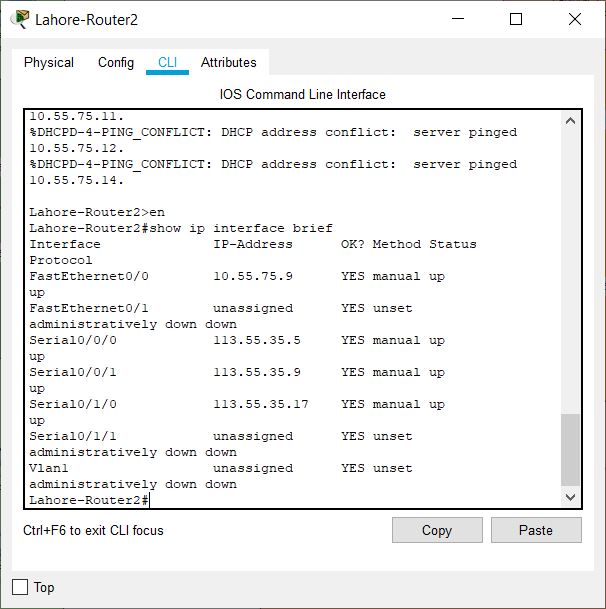
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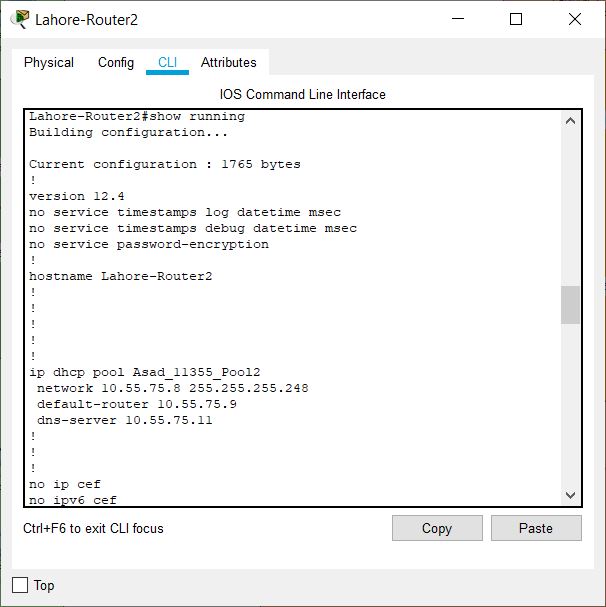
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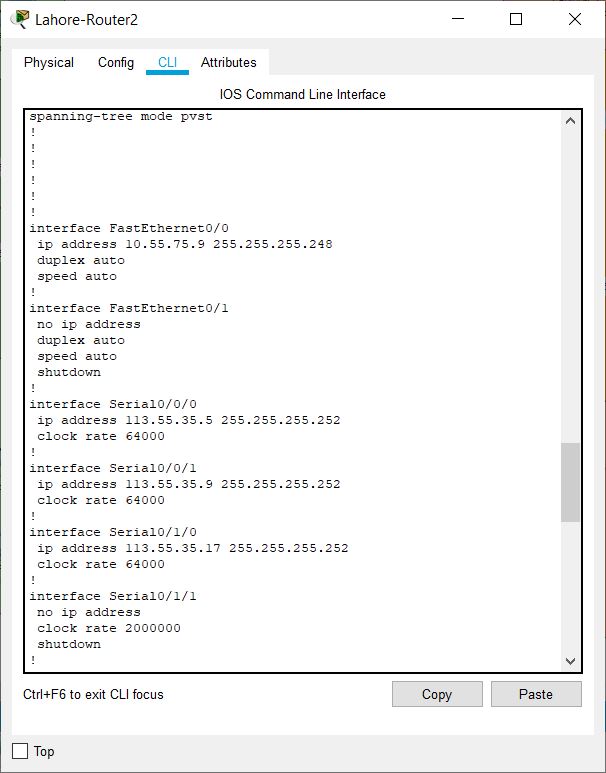
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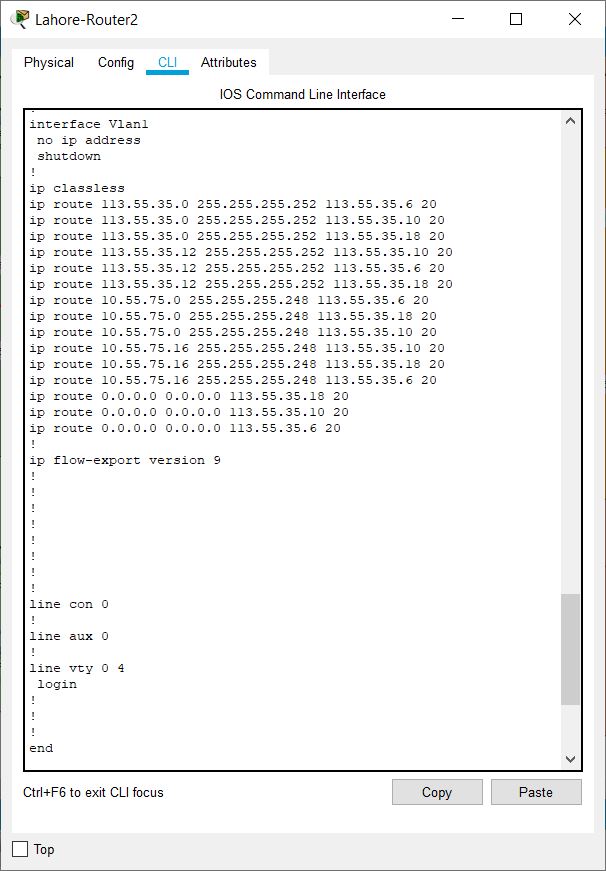
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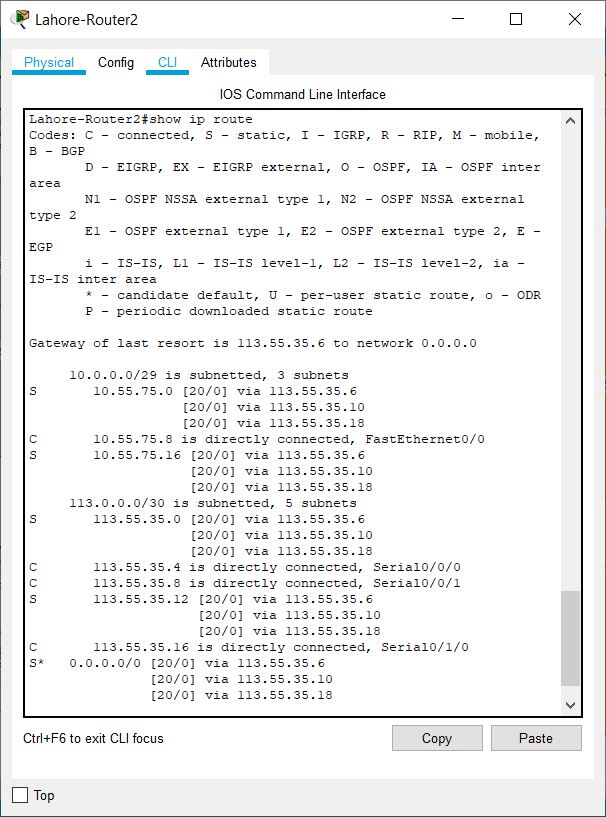
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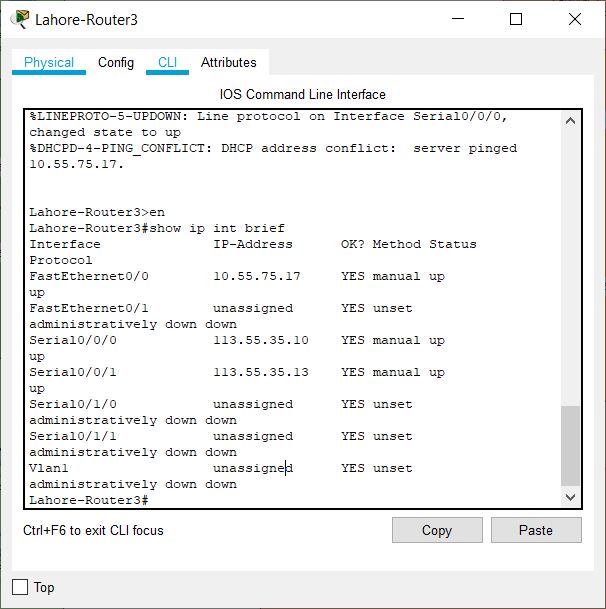
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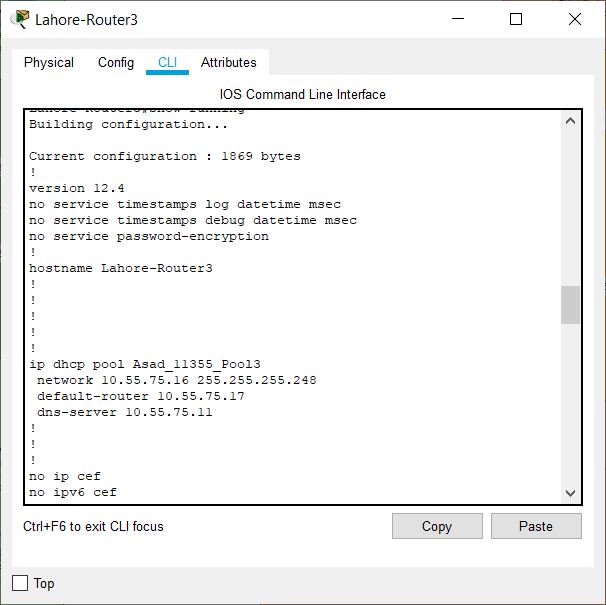
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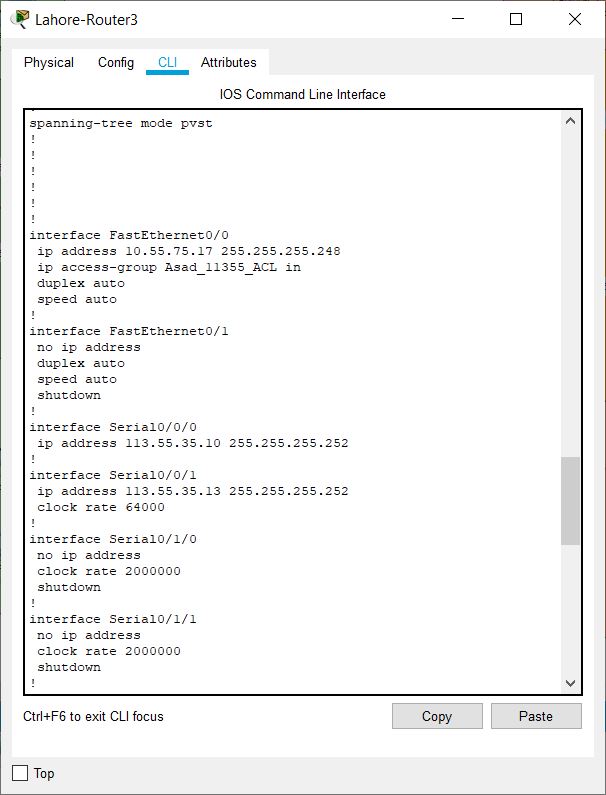
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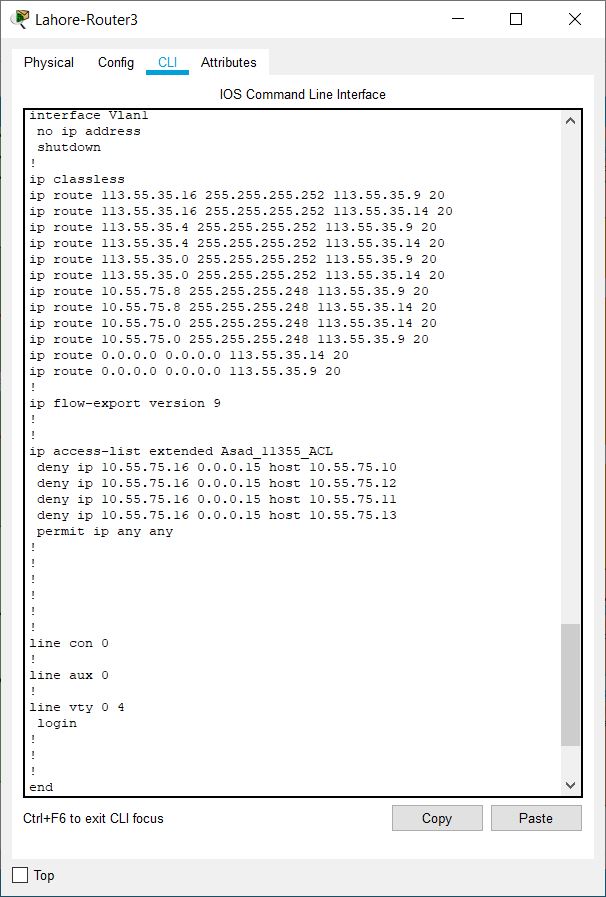
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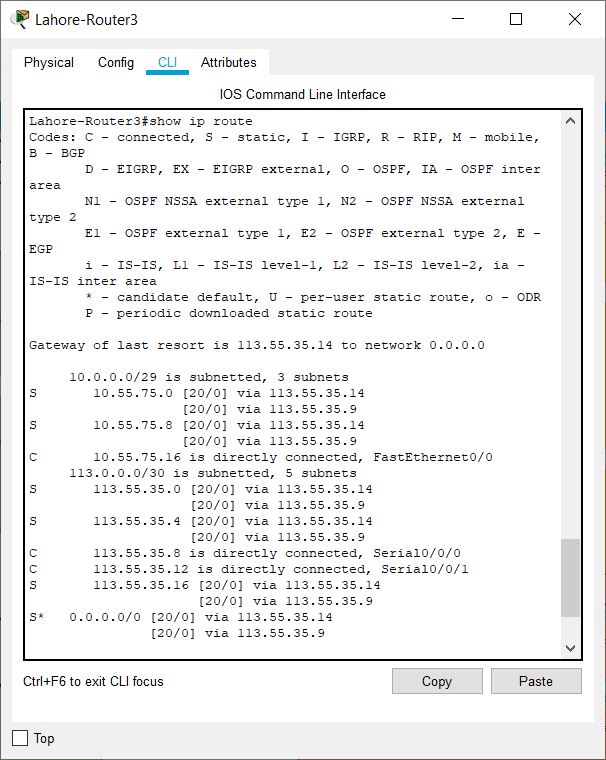
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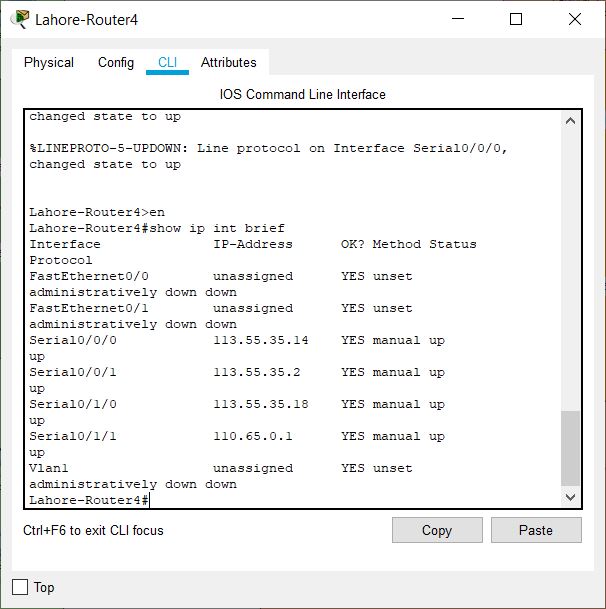
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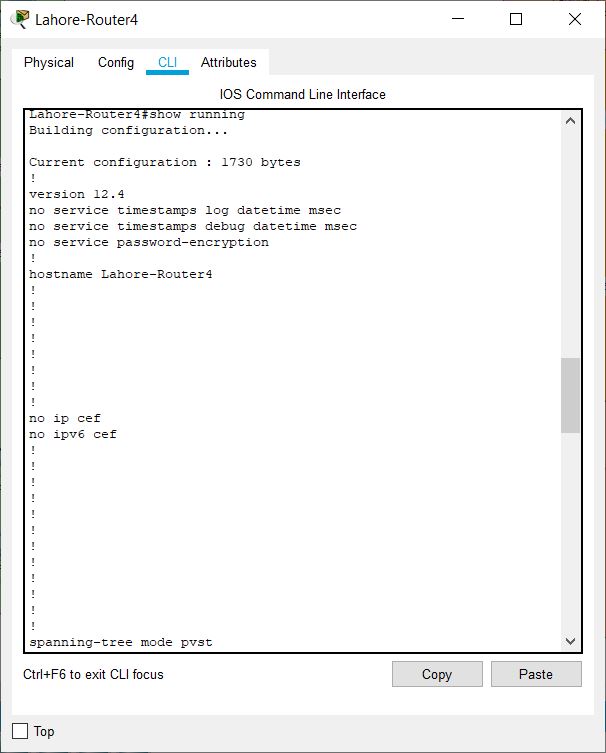
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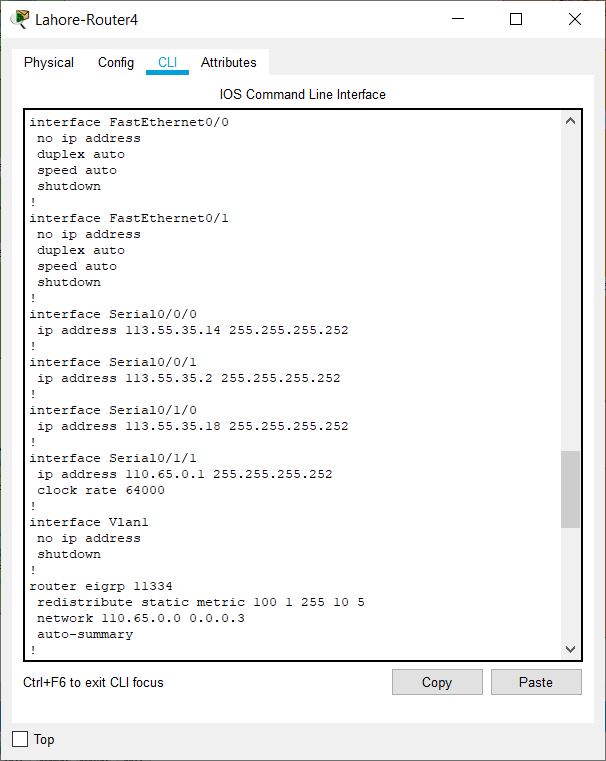
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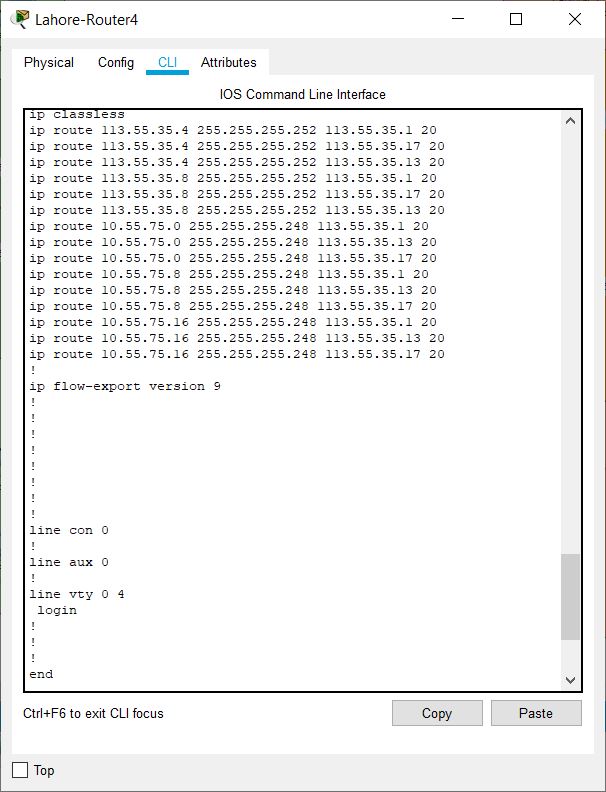
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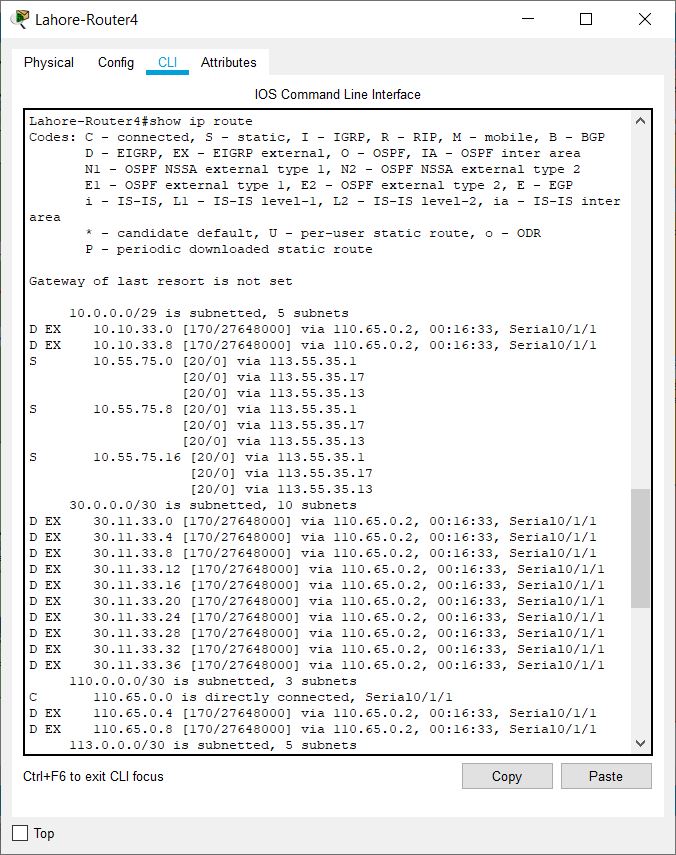
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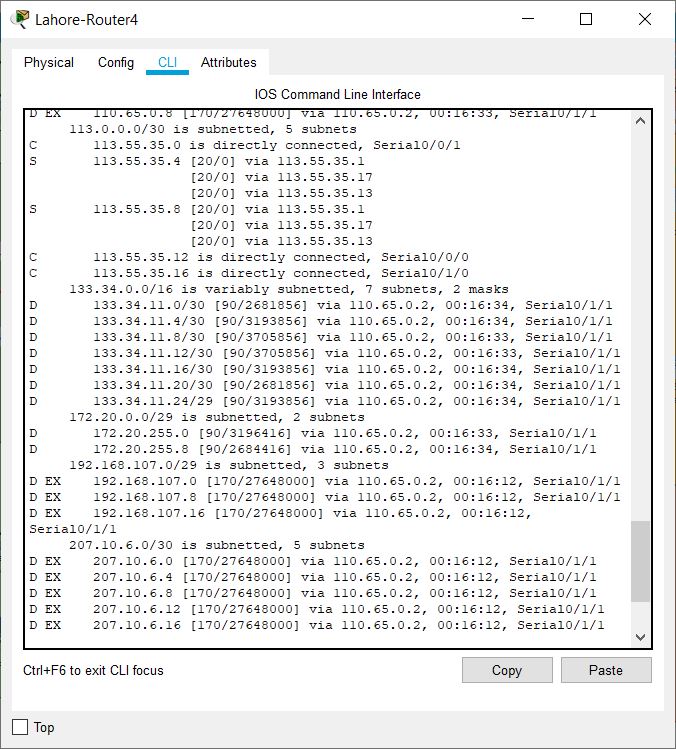
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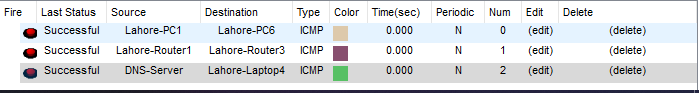
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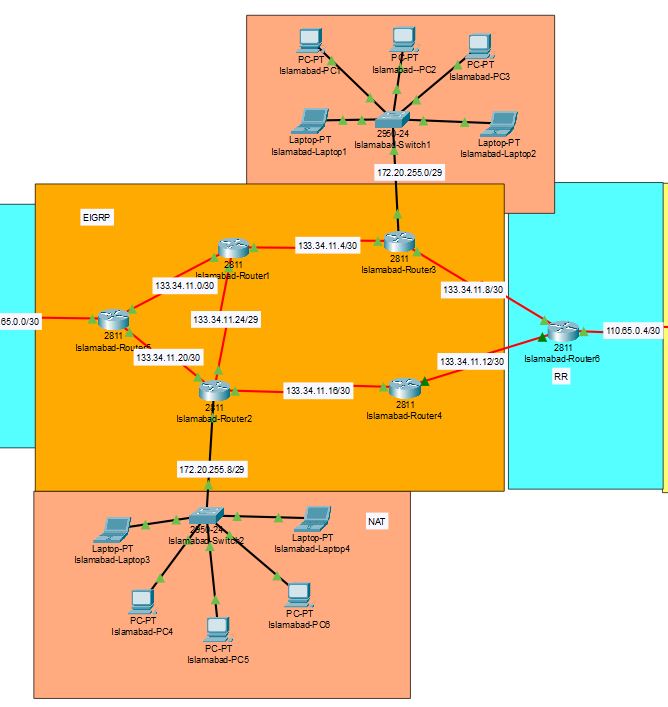
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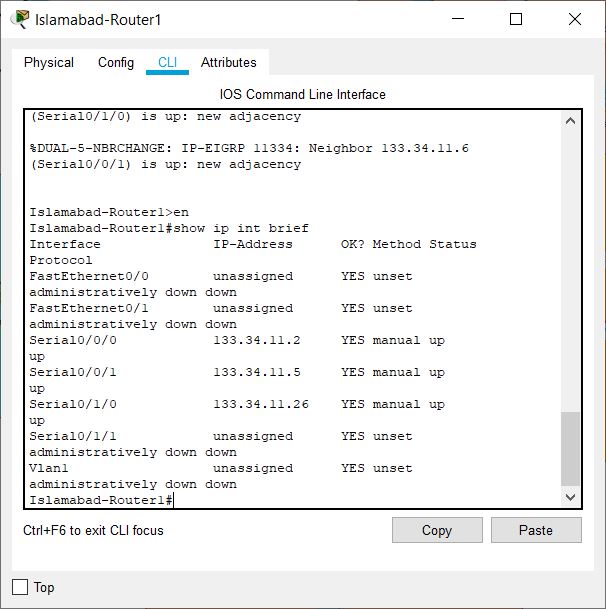
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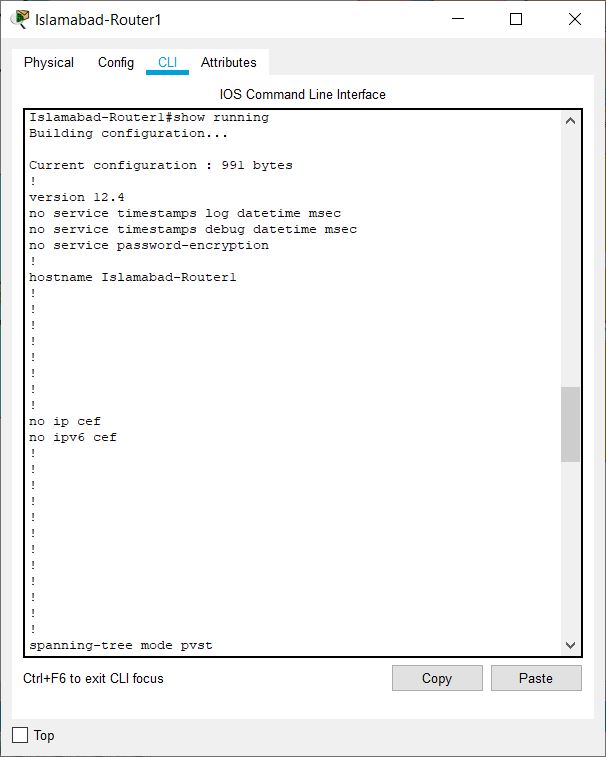
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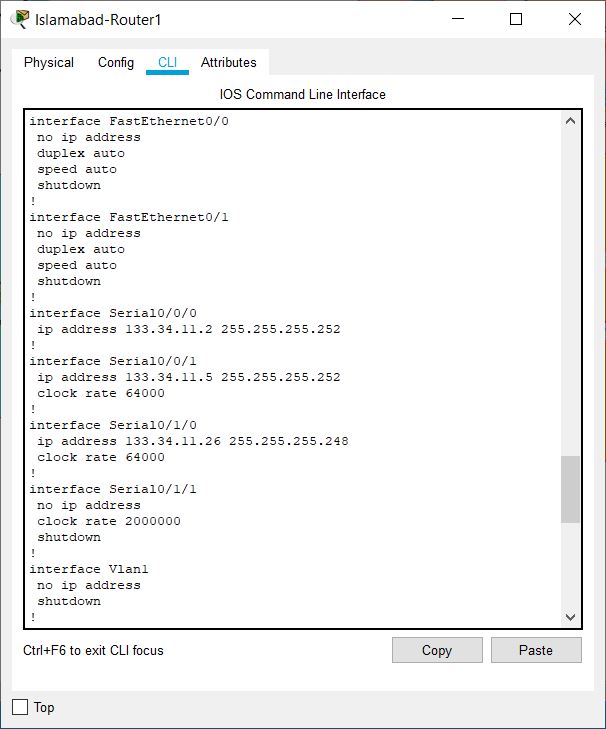
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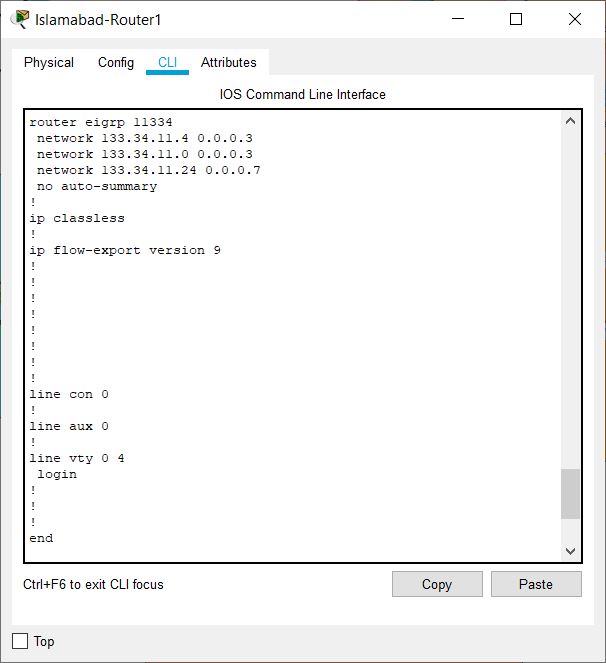
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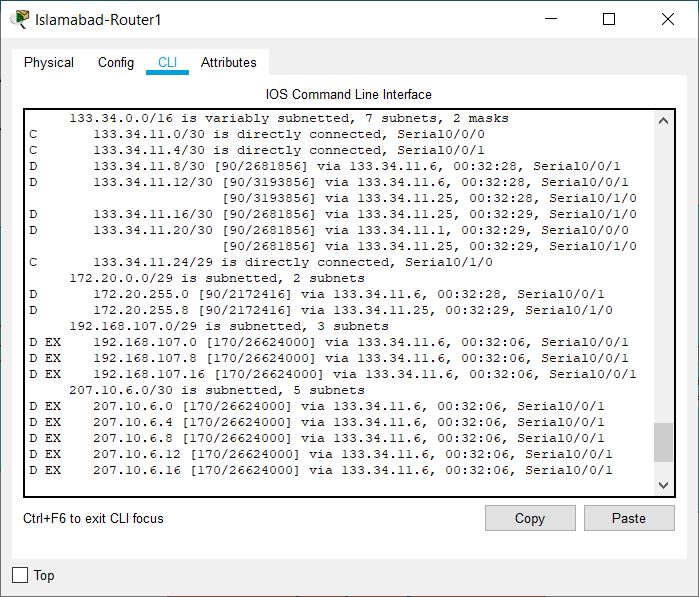
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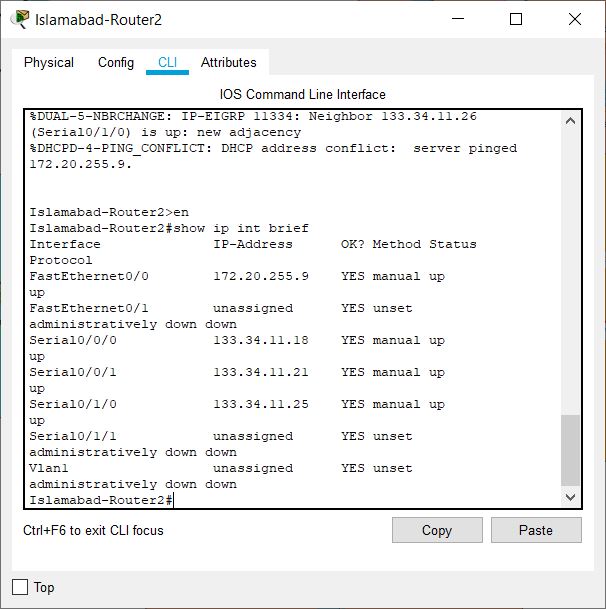
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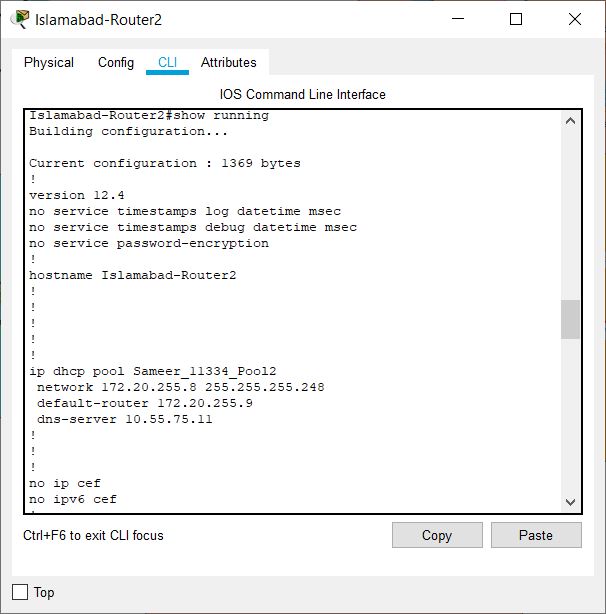
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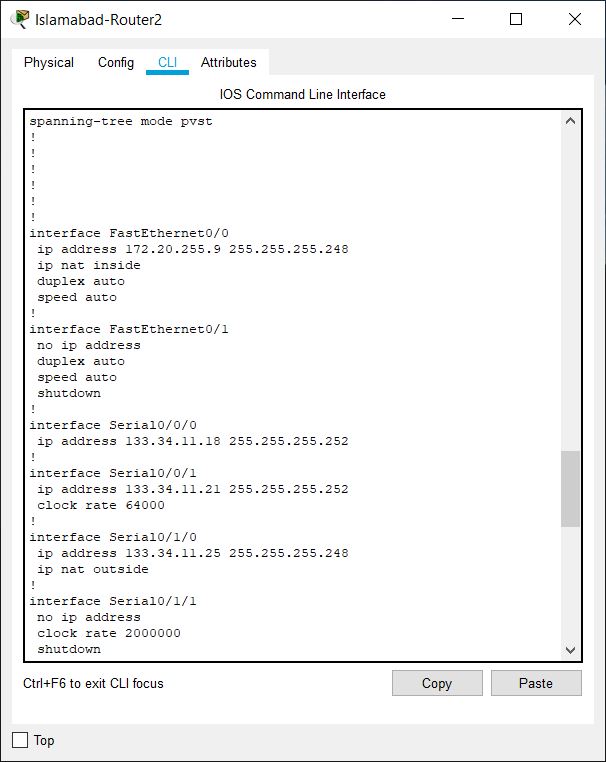
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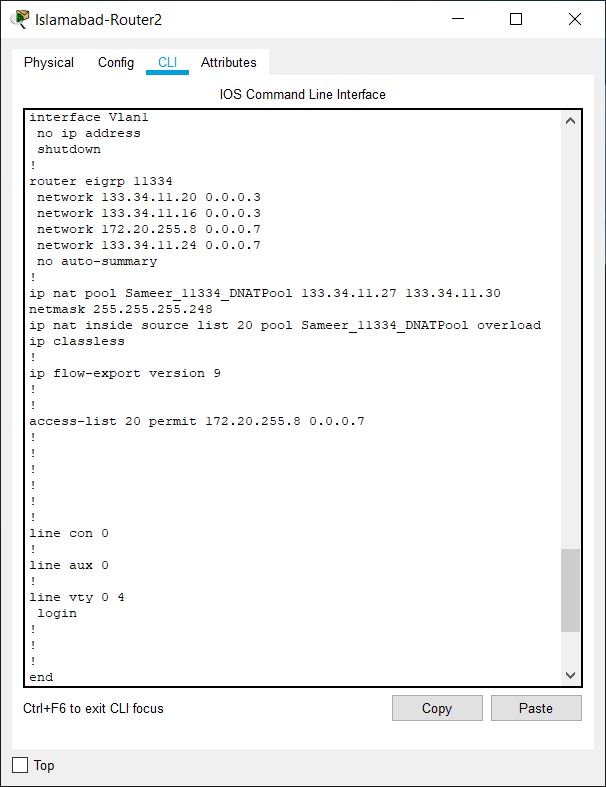
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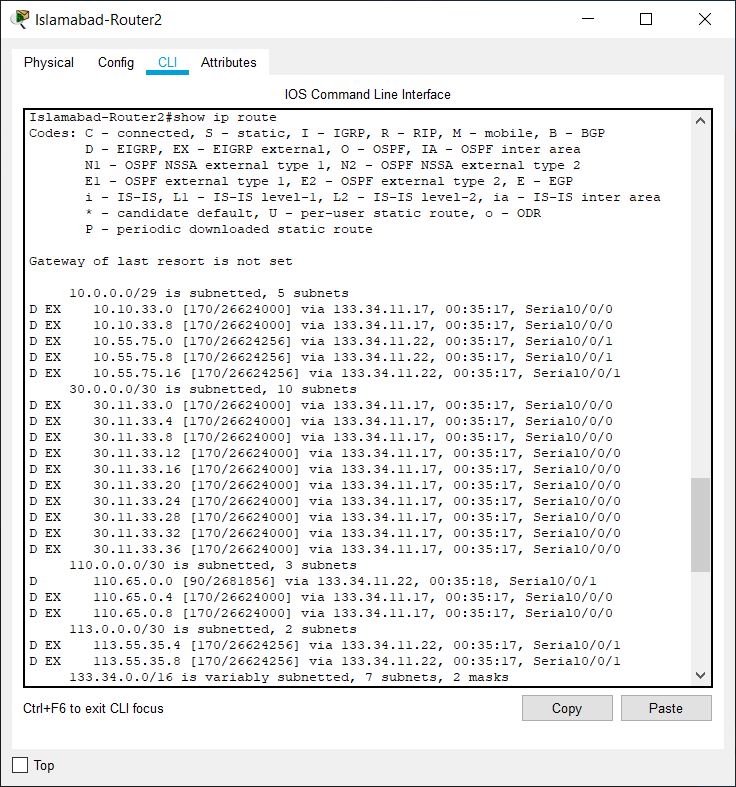
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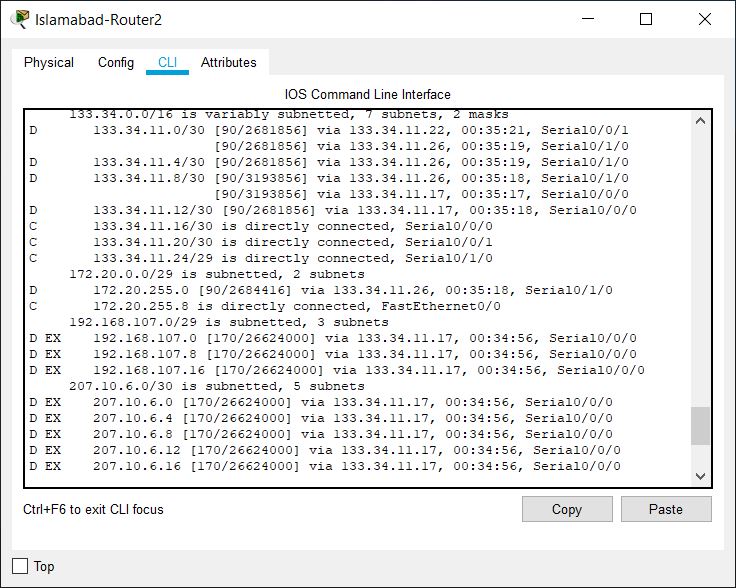
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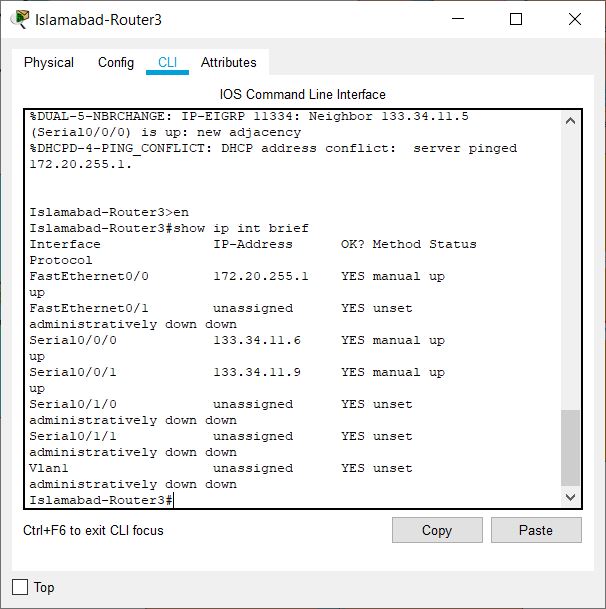
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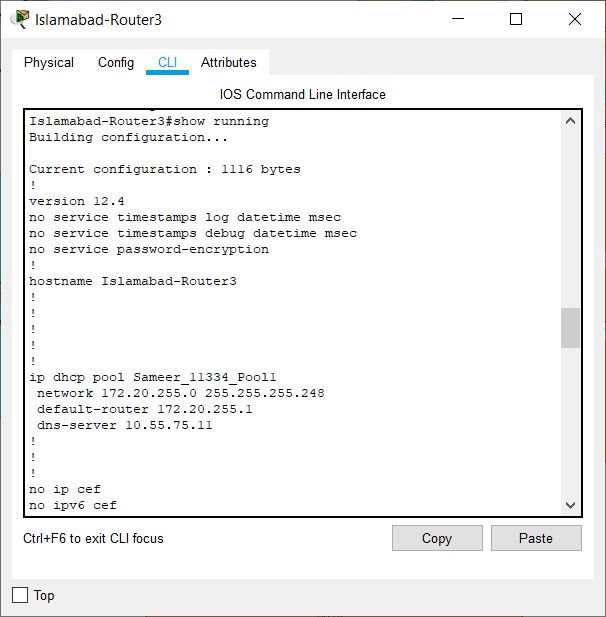
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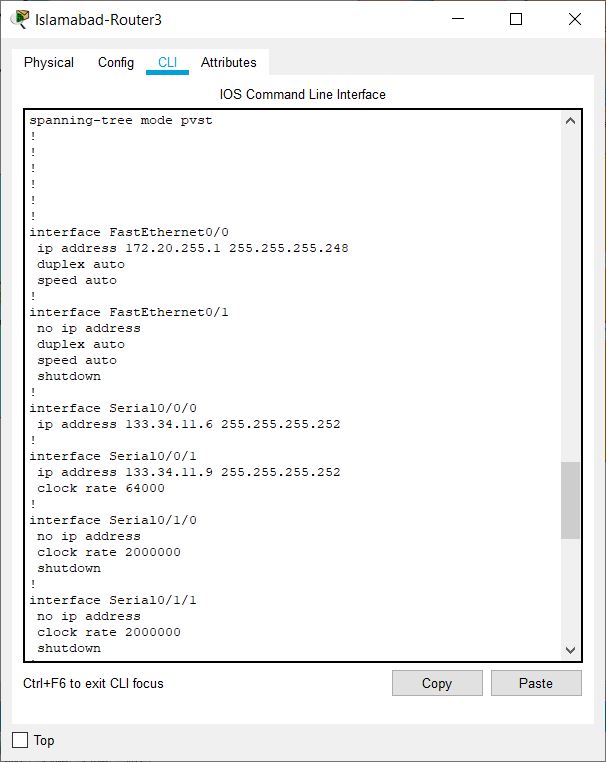
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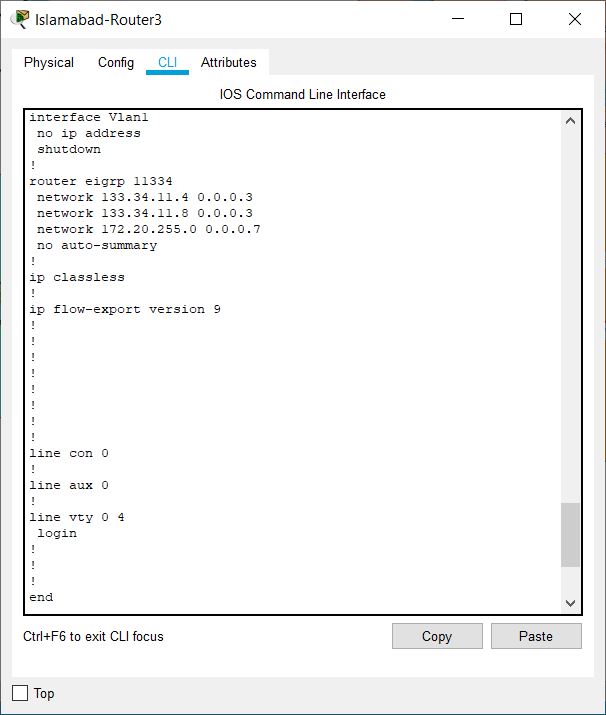
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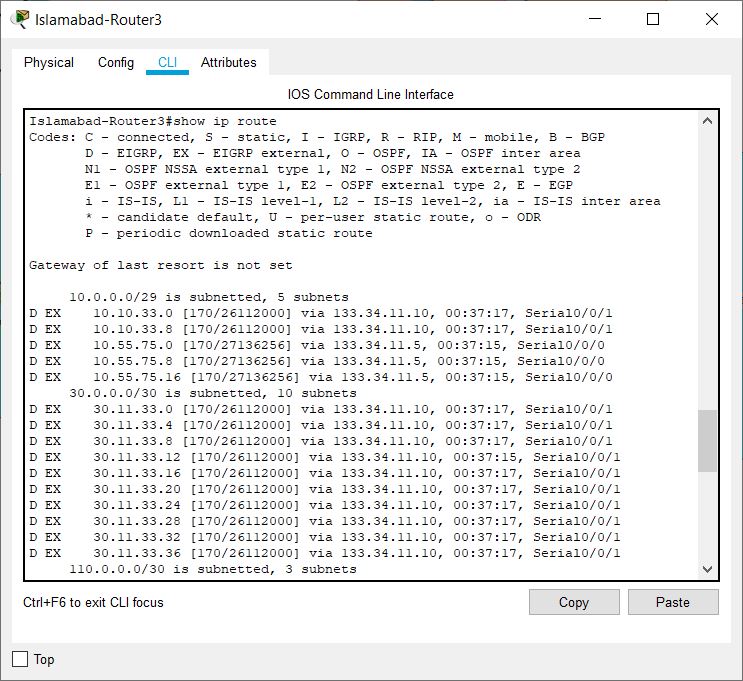
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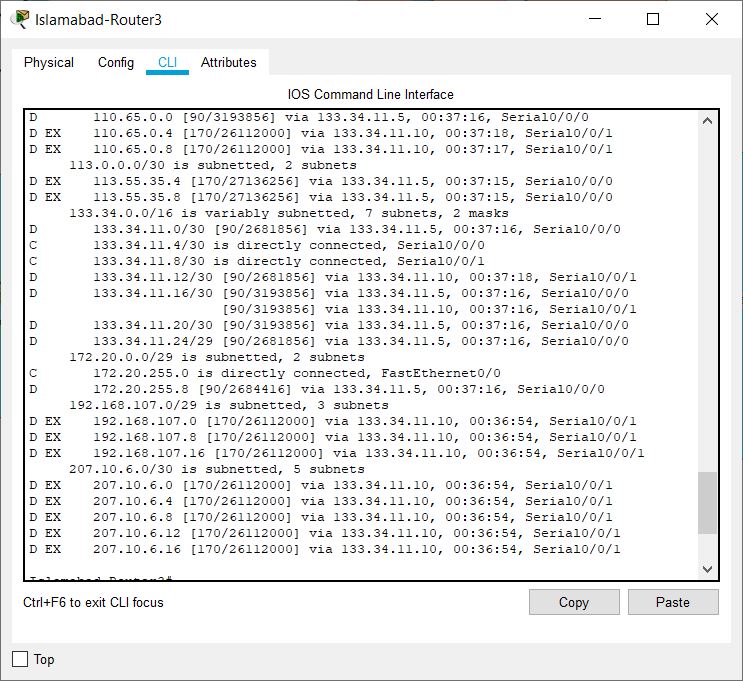
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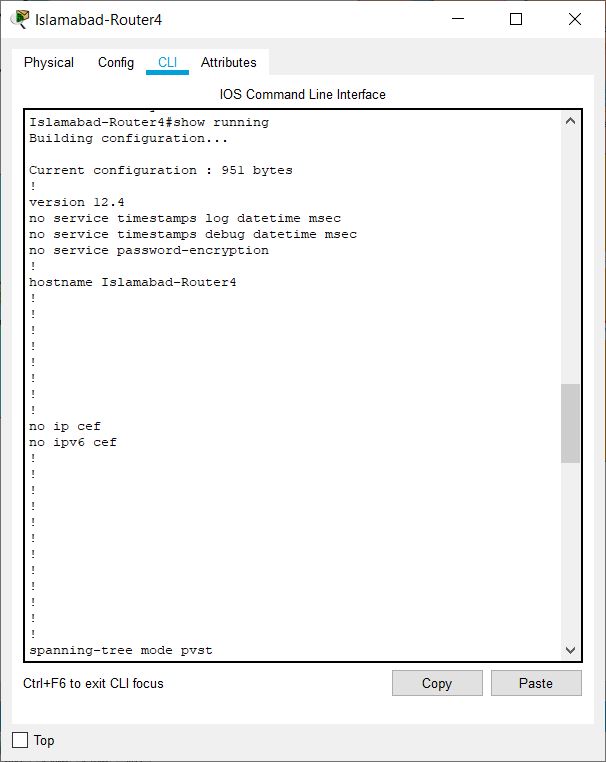
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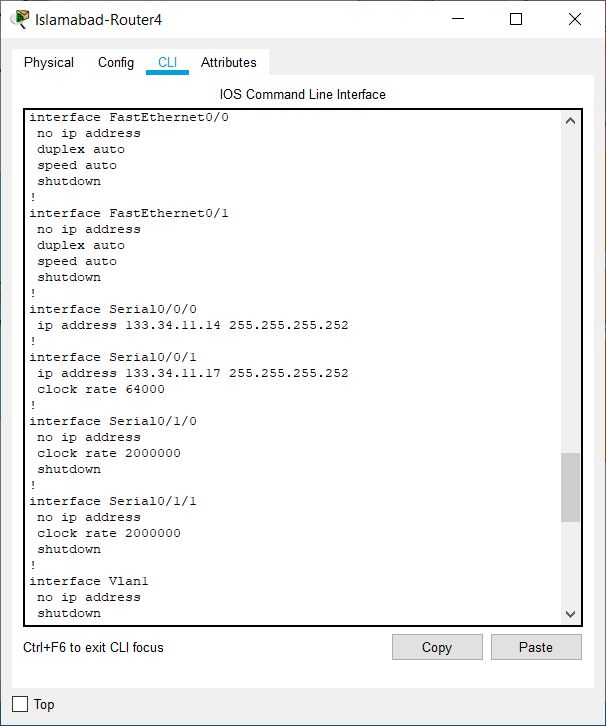
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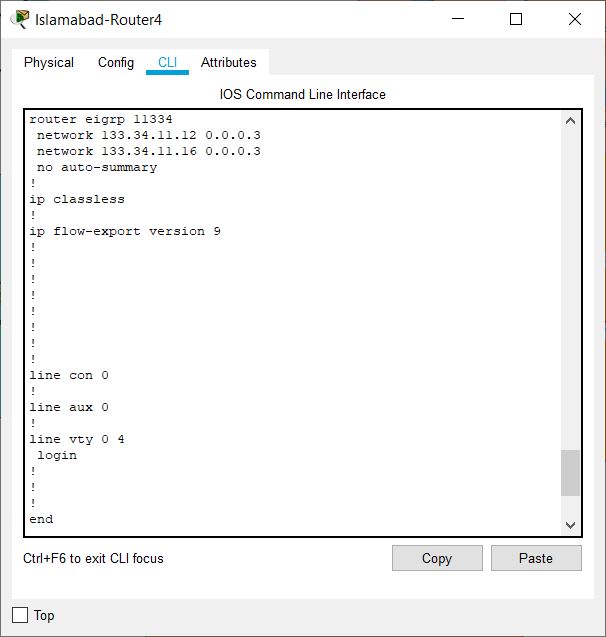
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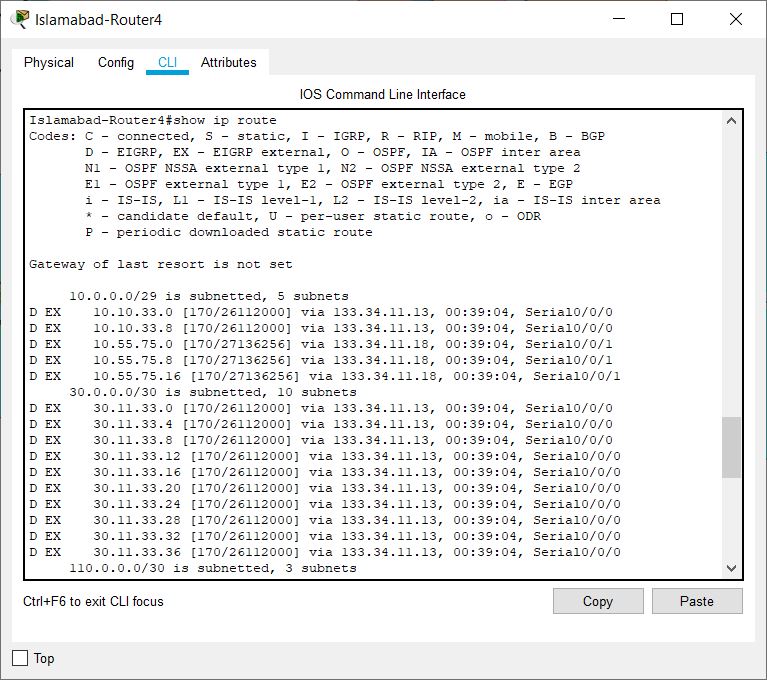
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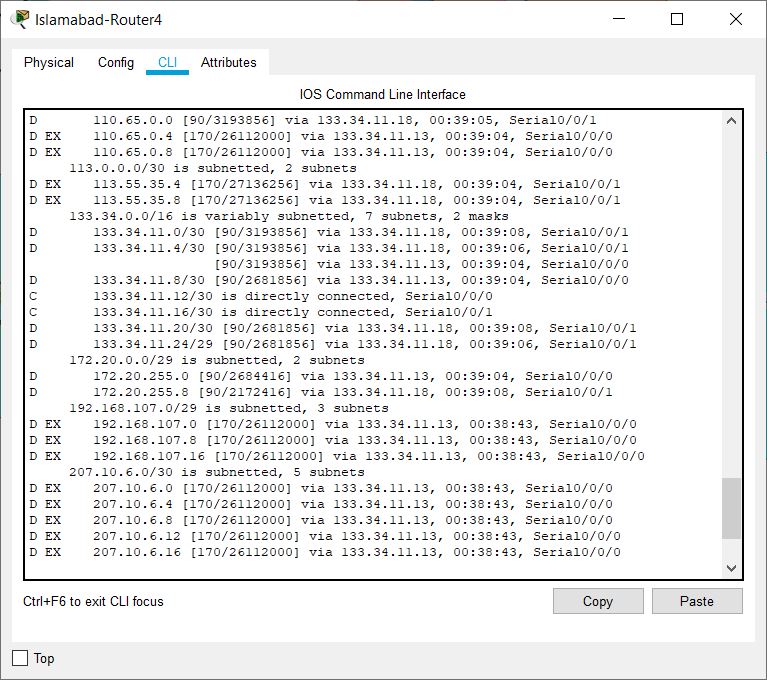
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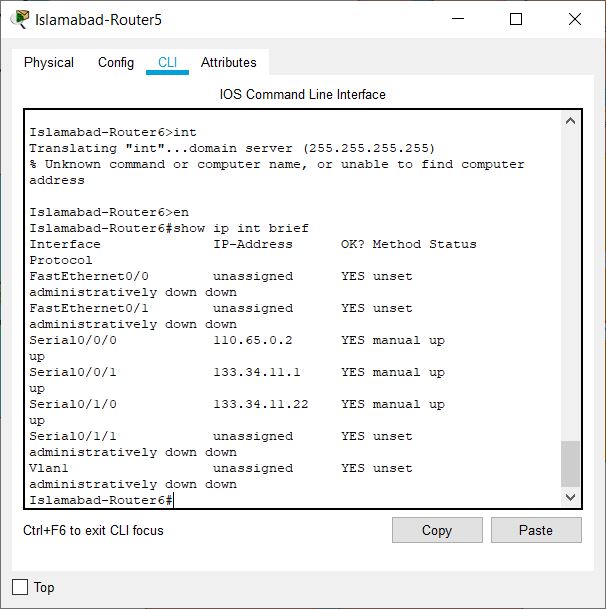
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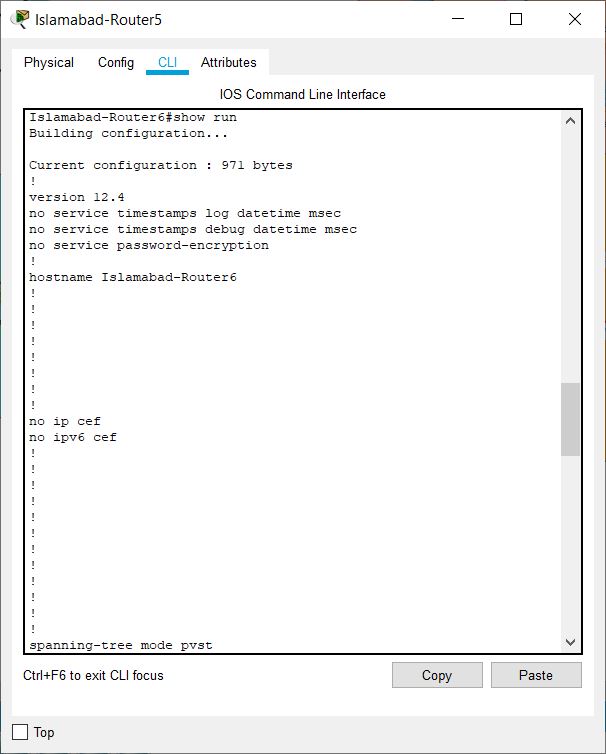
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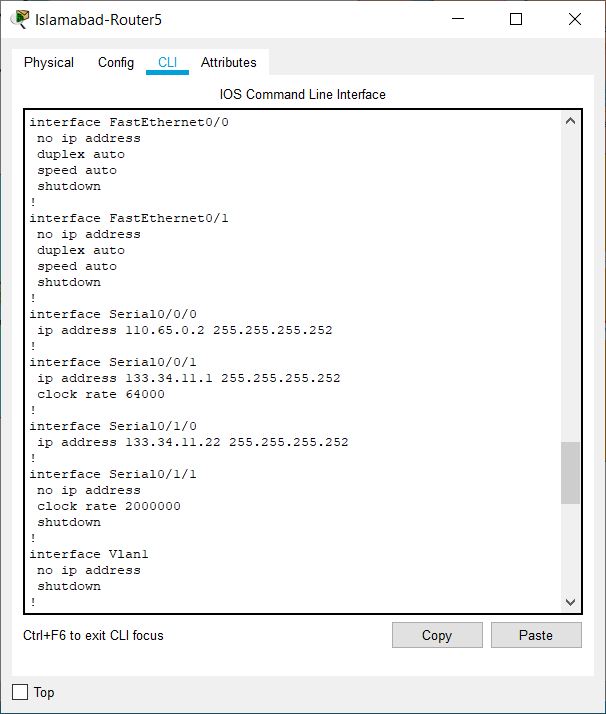
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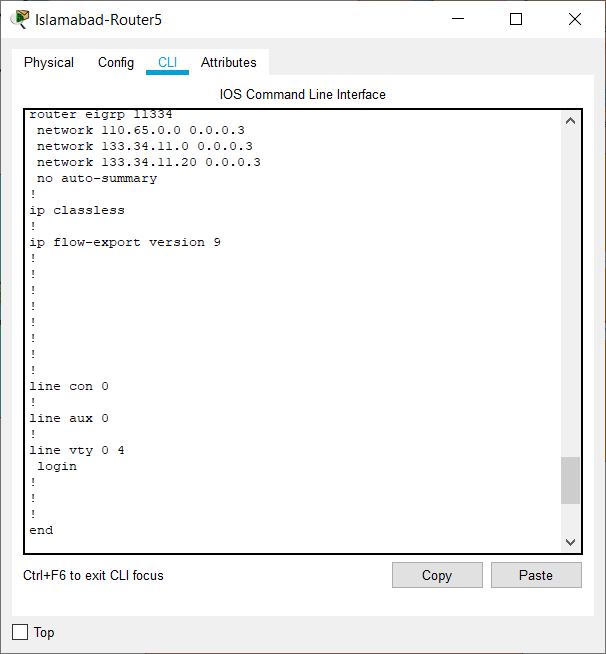
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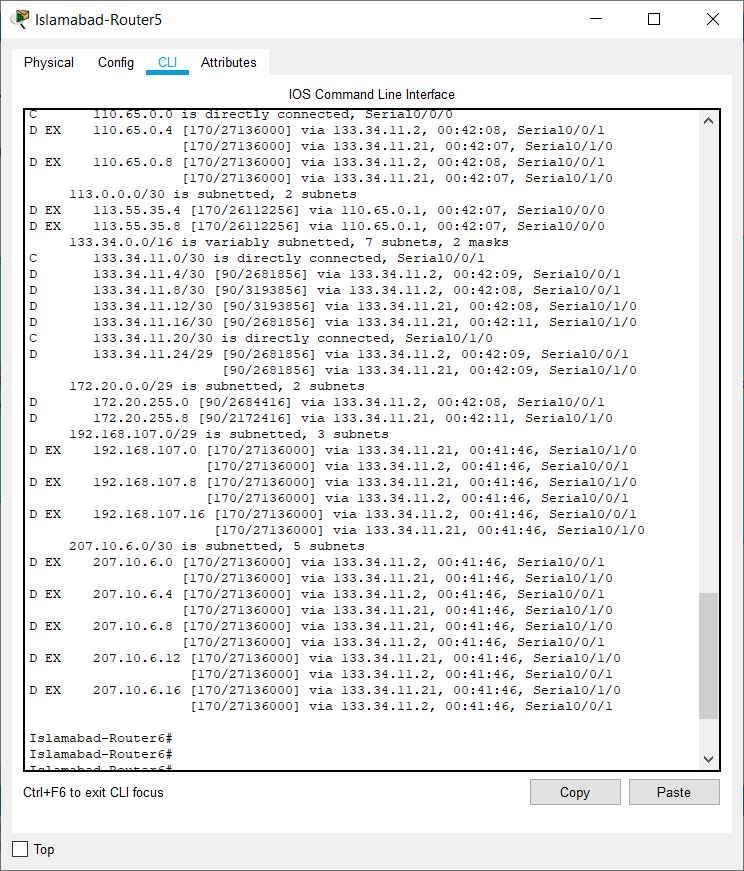
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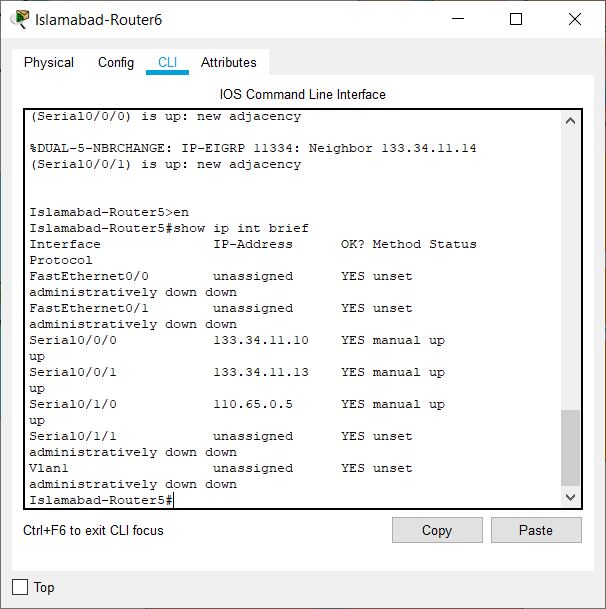
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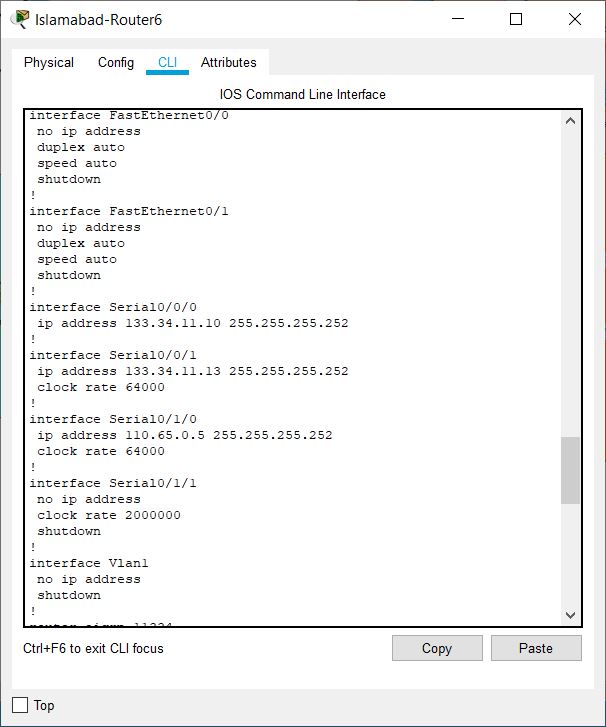
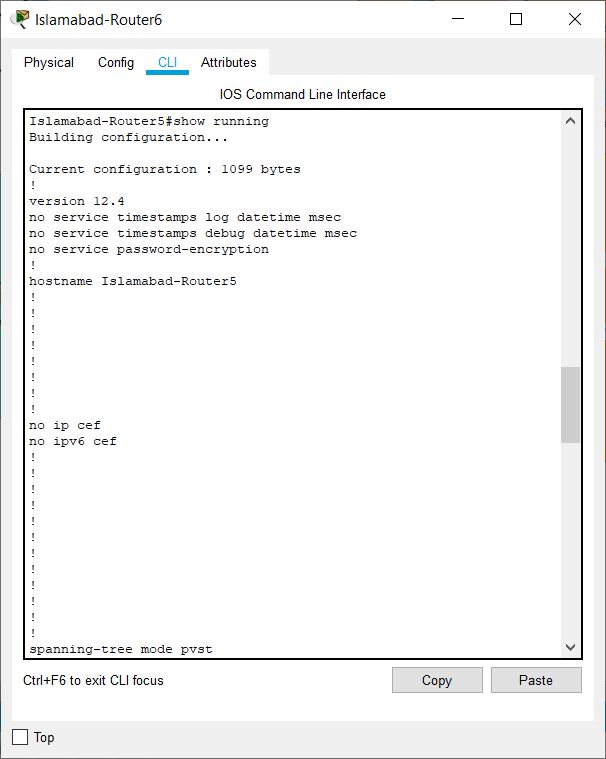
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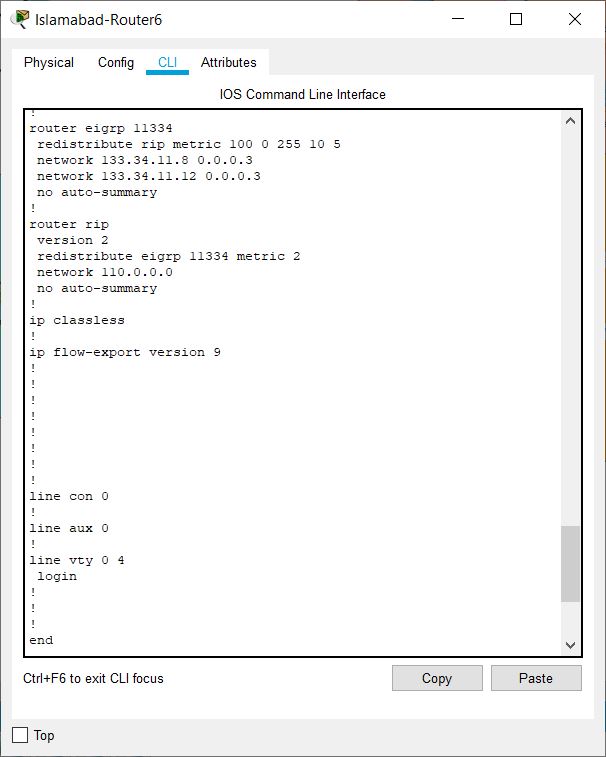
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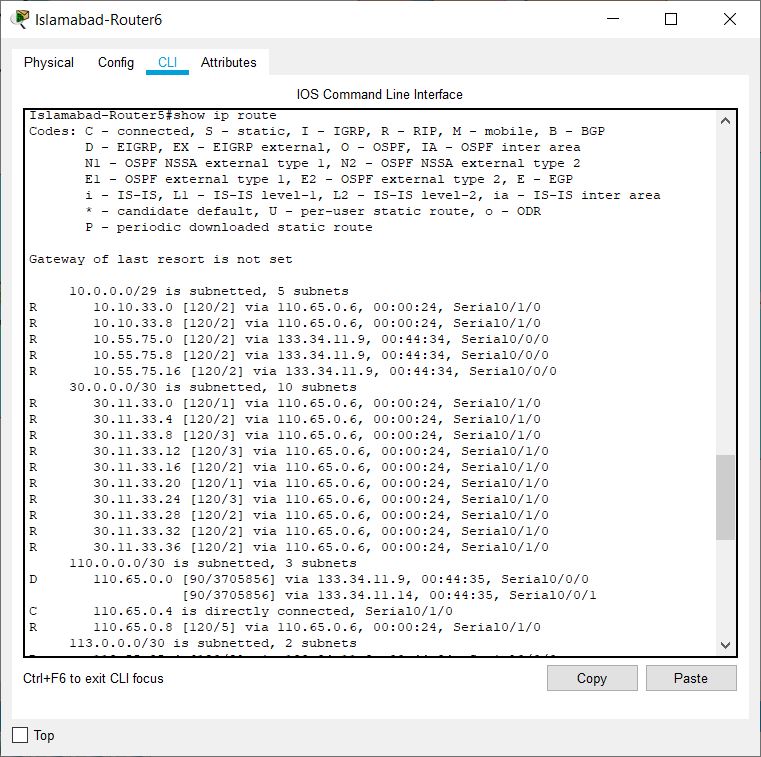
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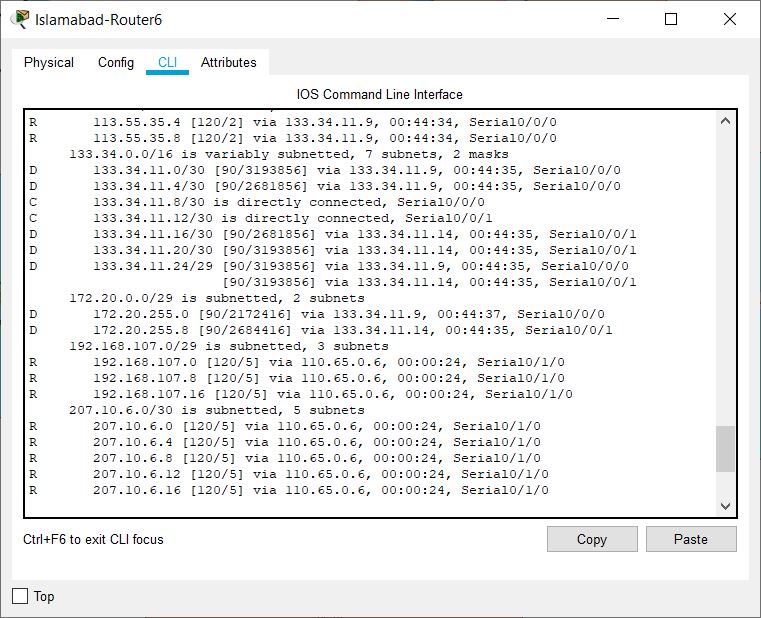
**Islamabad-Router6:**

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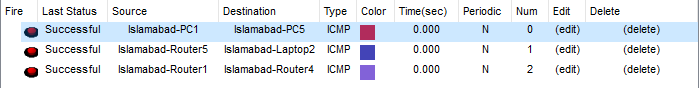
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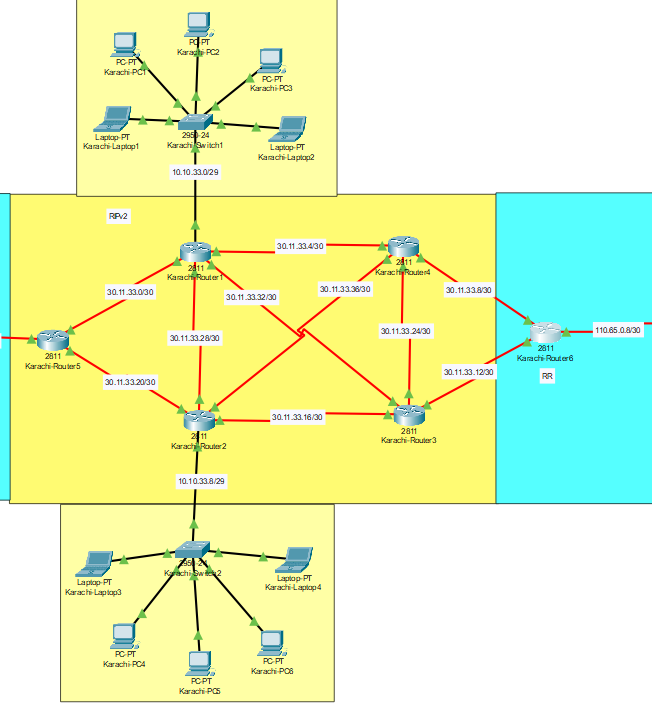
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**Example Pings:**

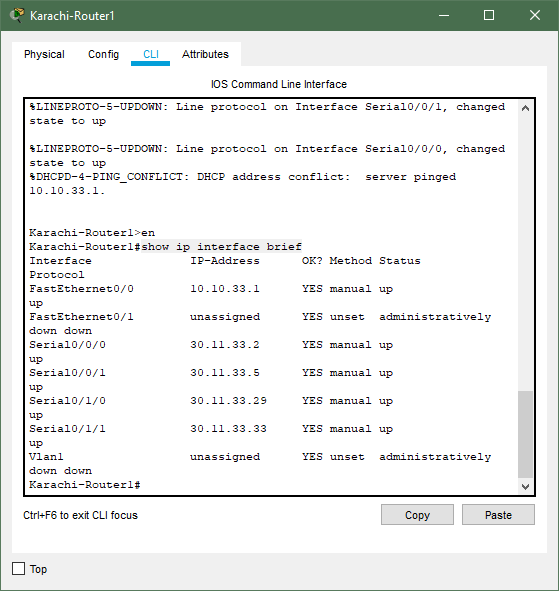


**3.Muhammad Nomir (11330):**

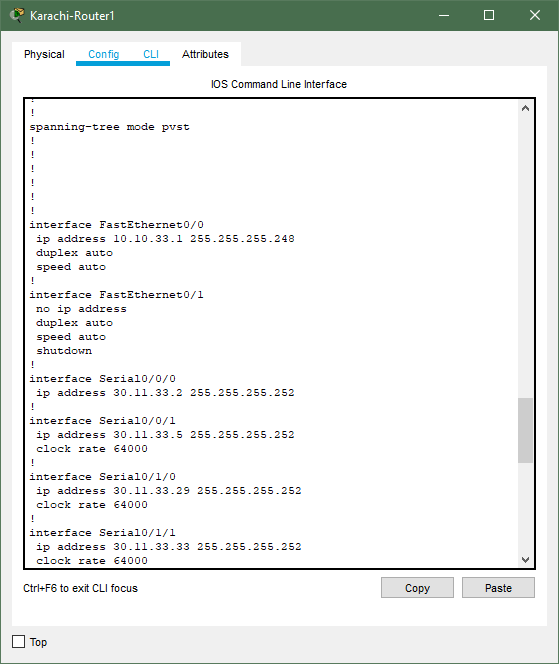
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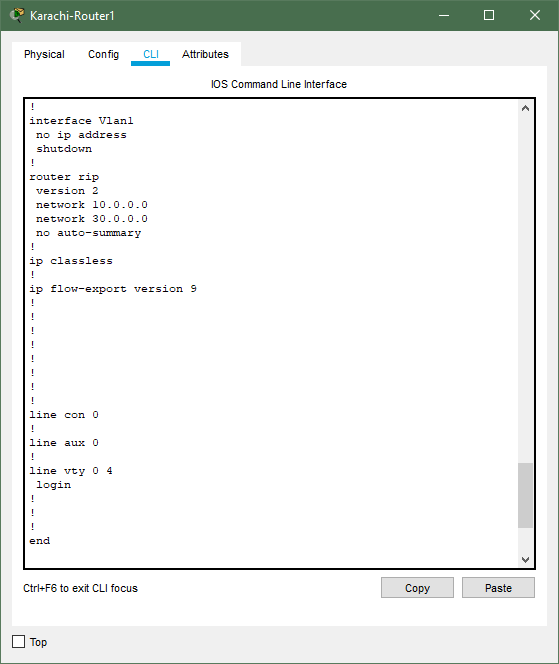
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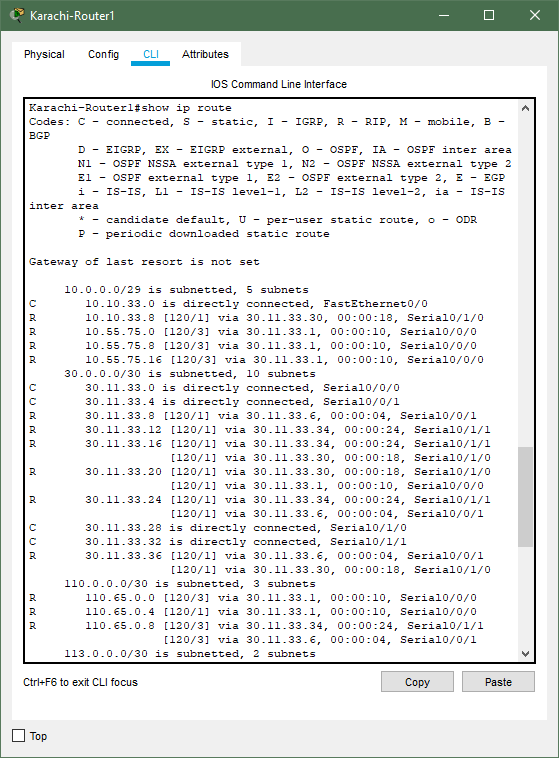
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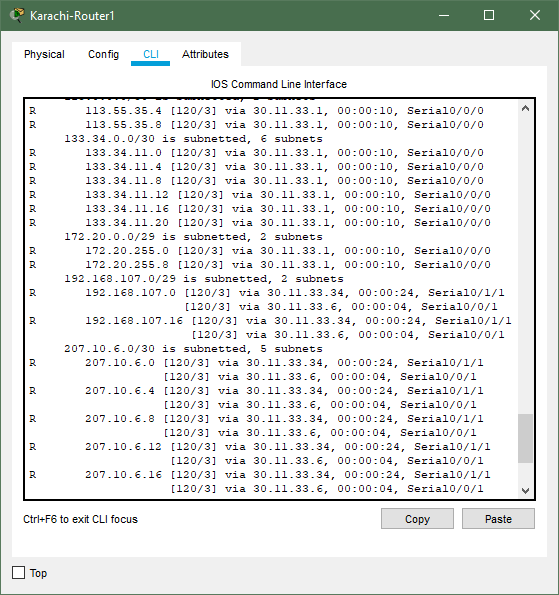
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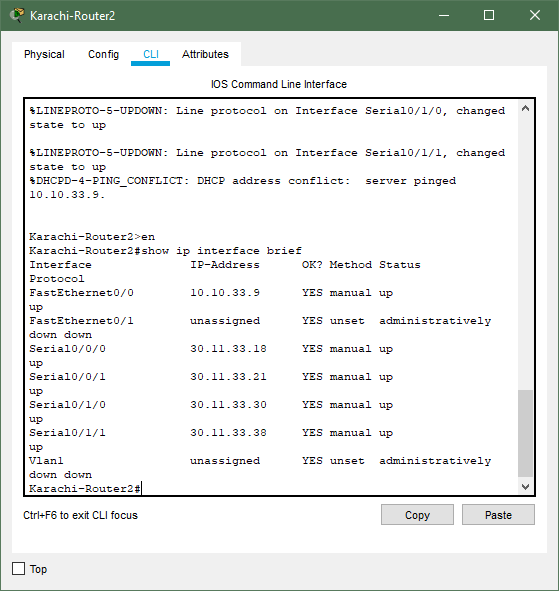
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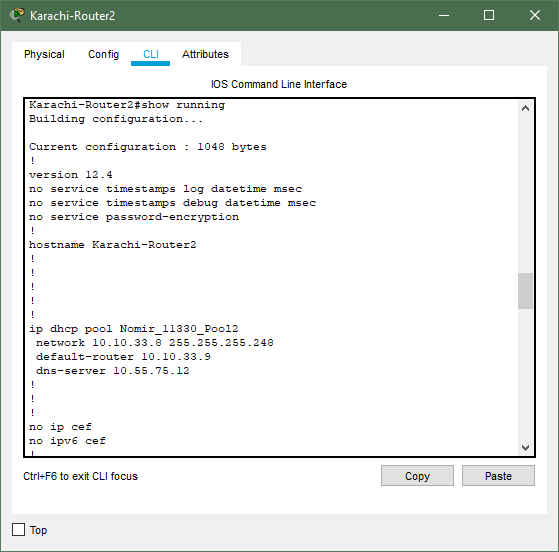
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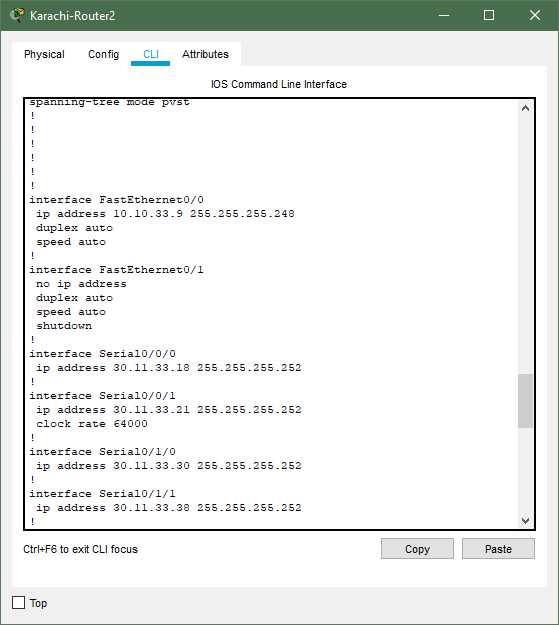
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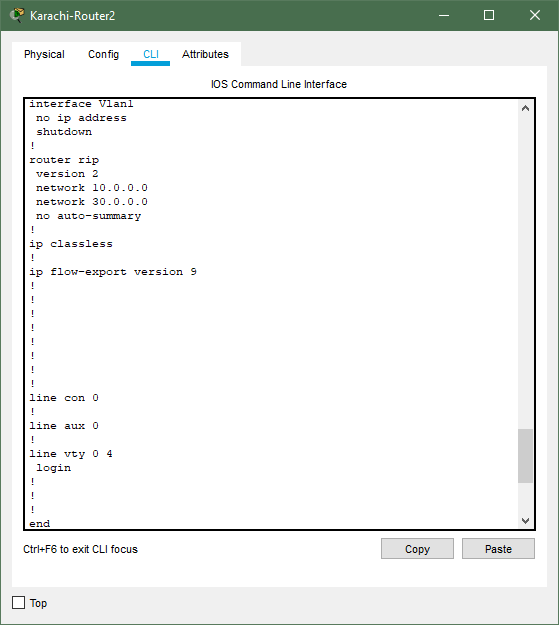
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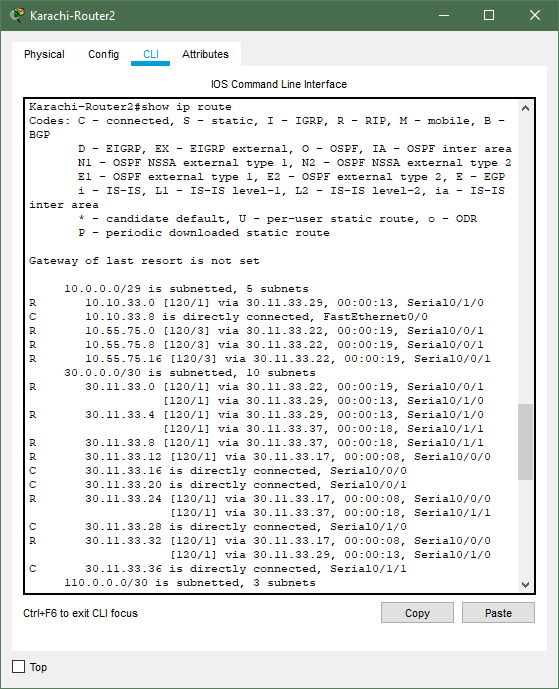
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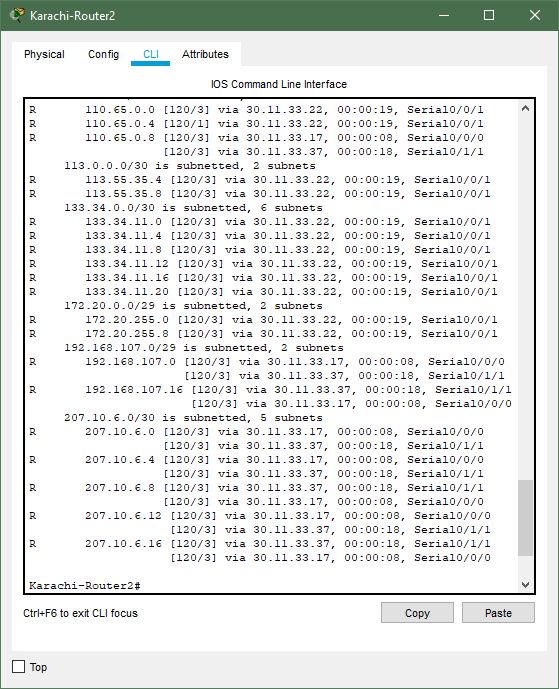
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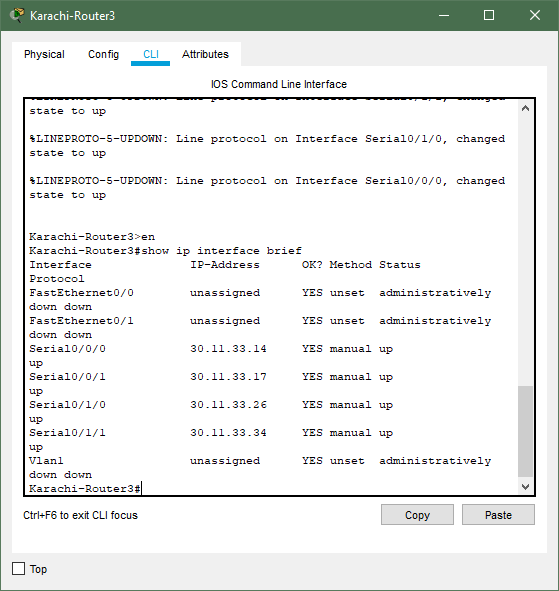
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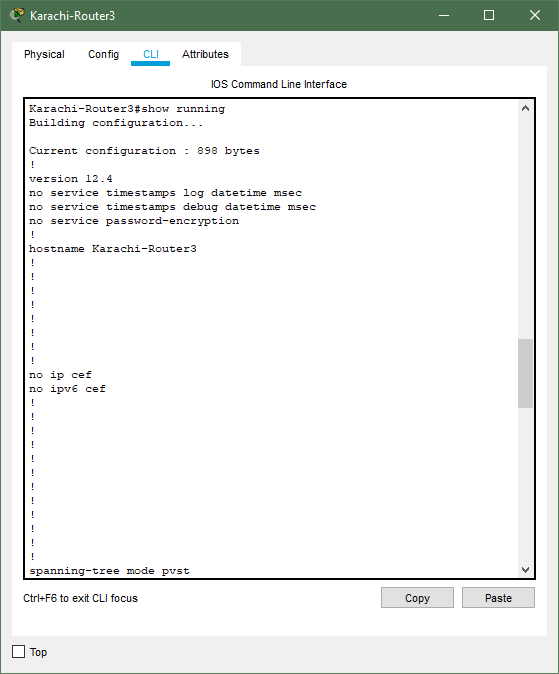
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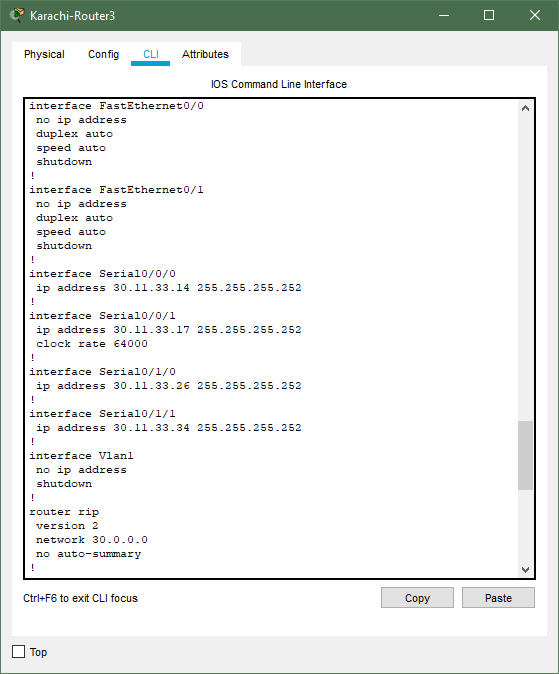
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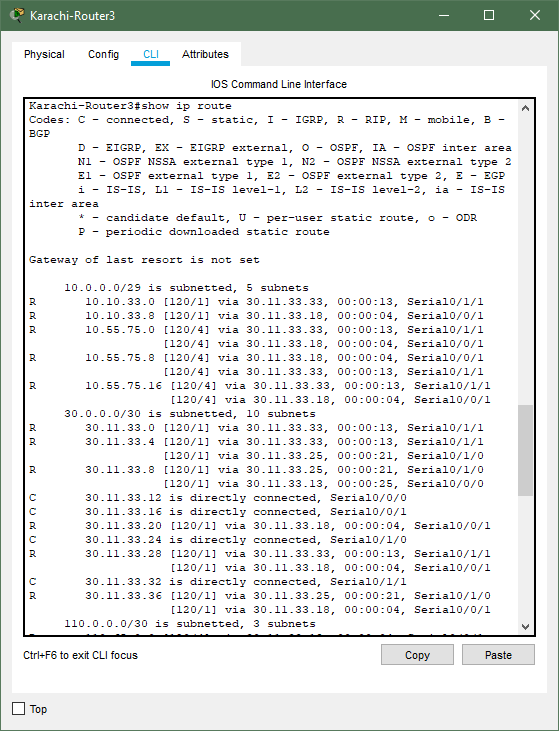
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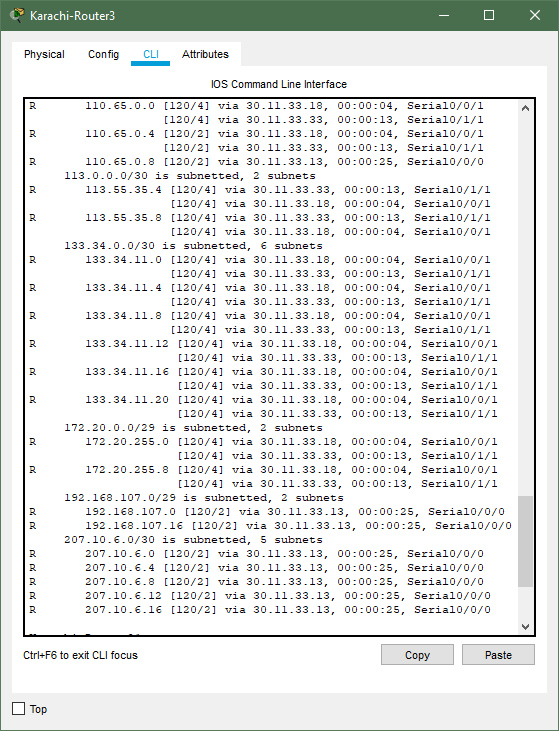
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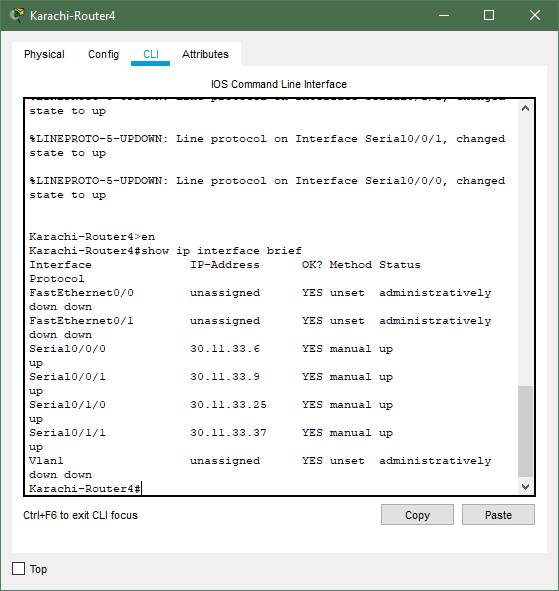
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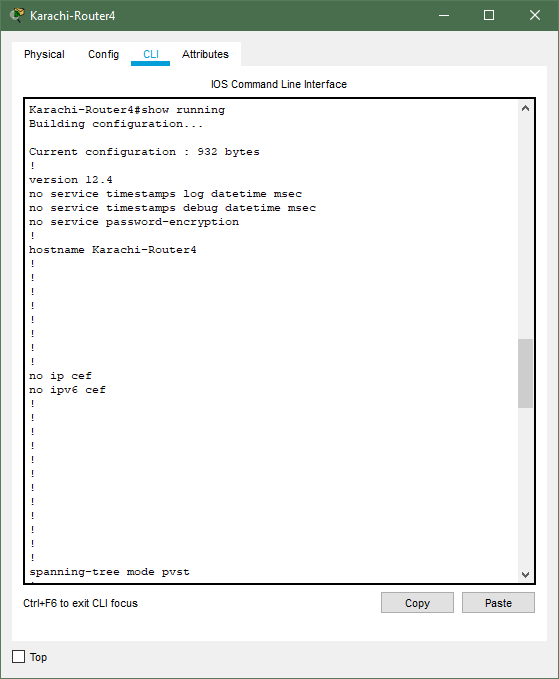
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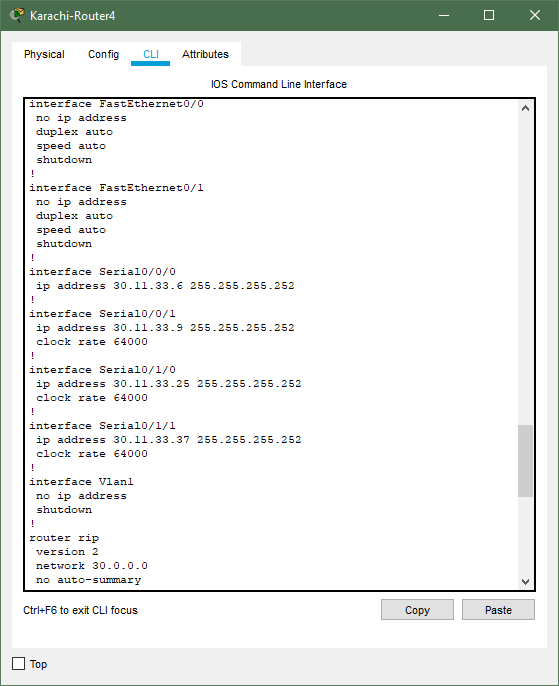
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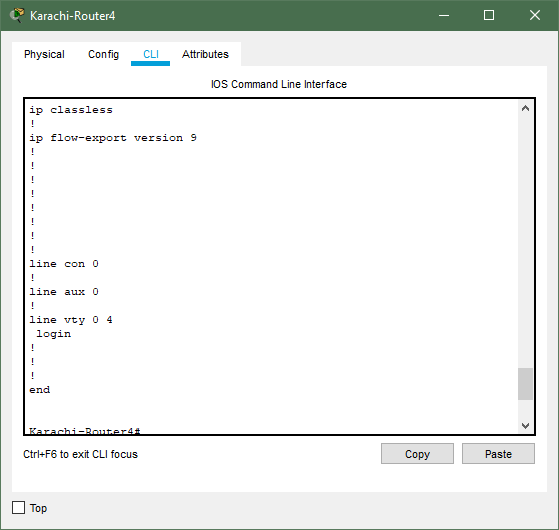
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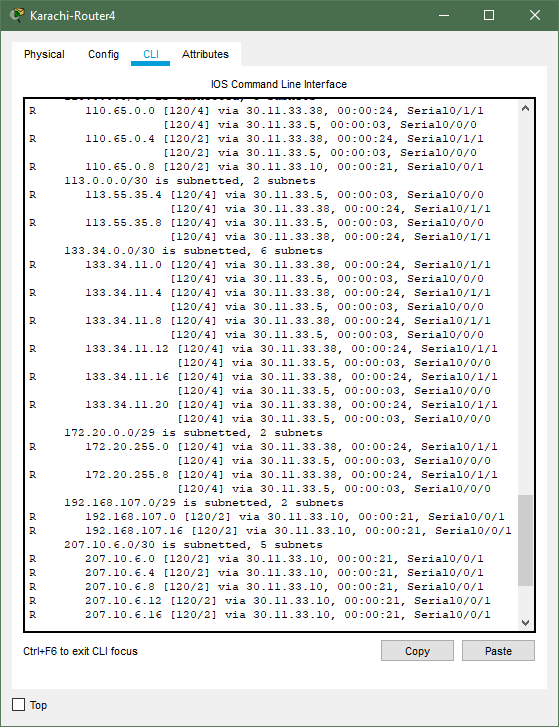
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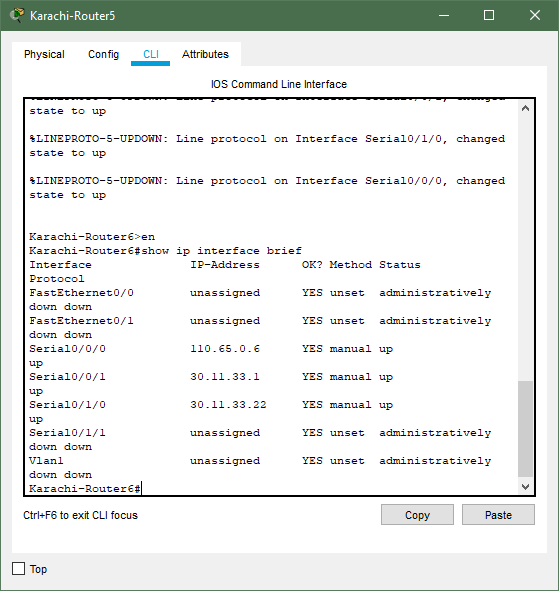
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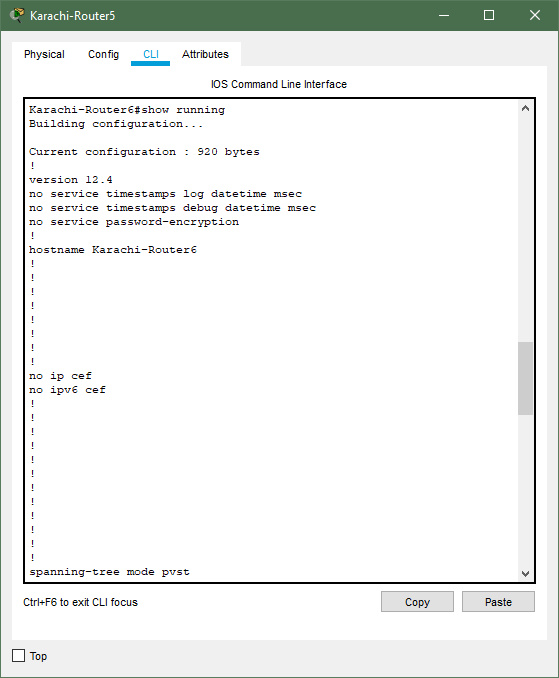
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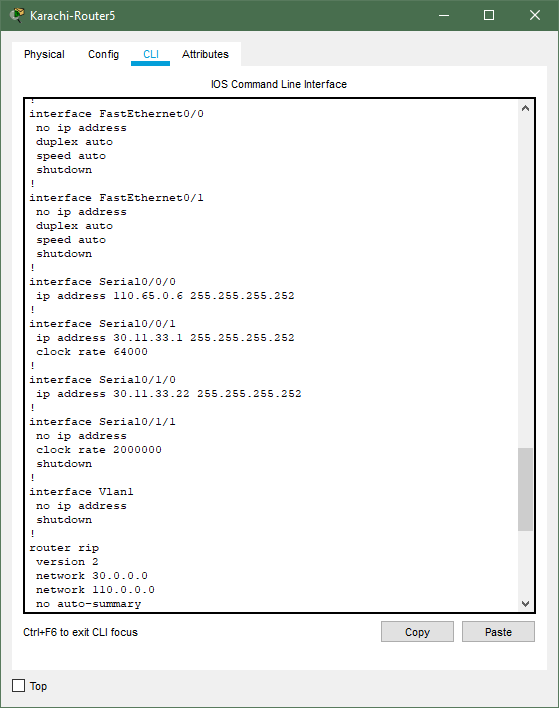
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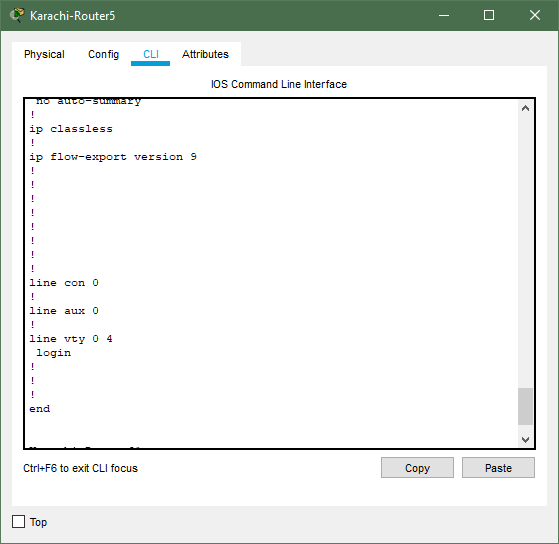
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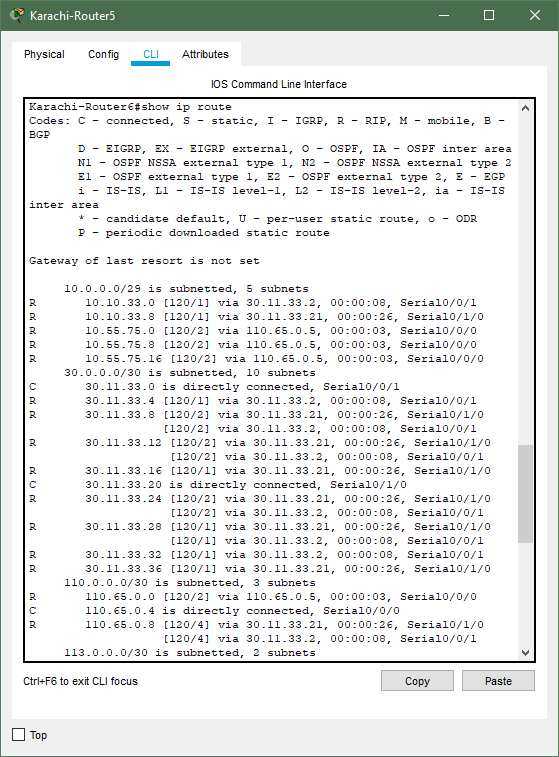
**Karachi-Router5:**

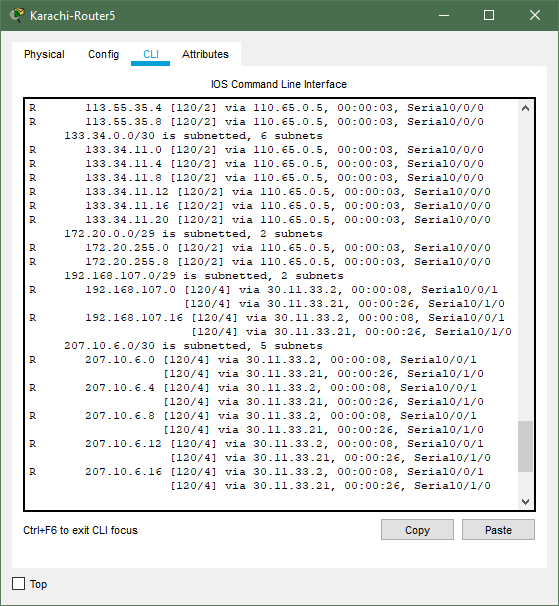
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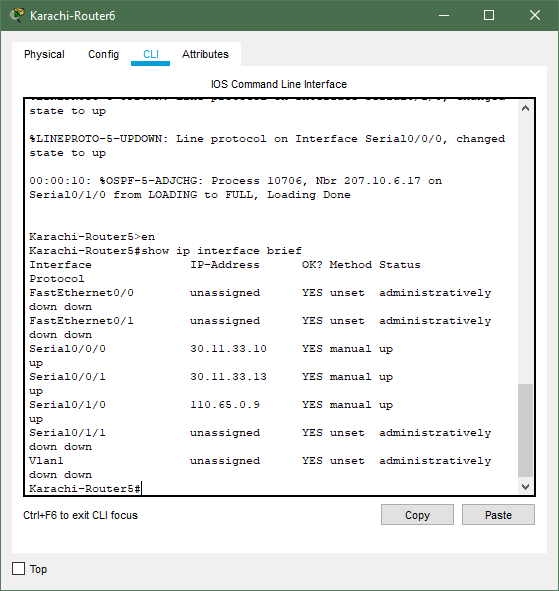
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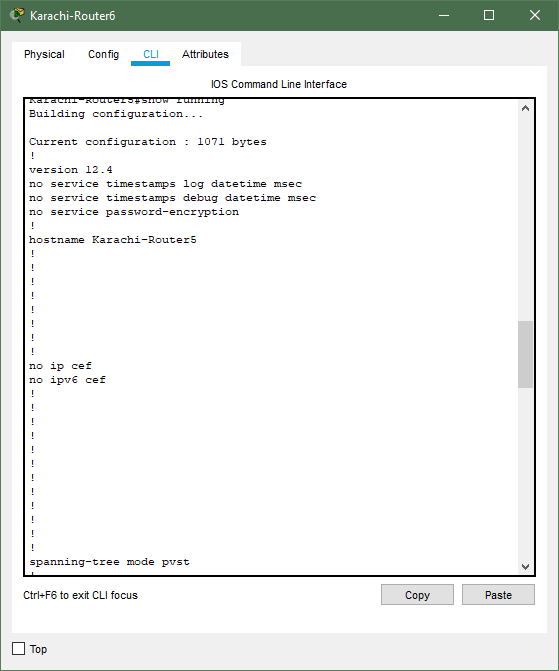
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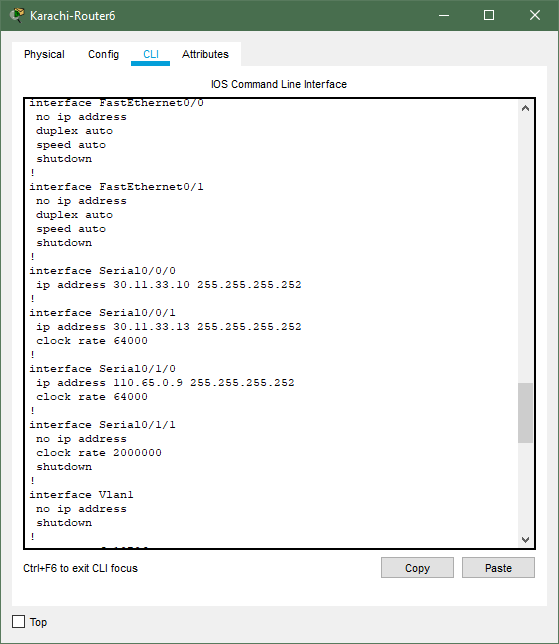
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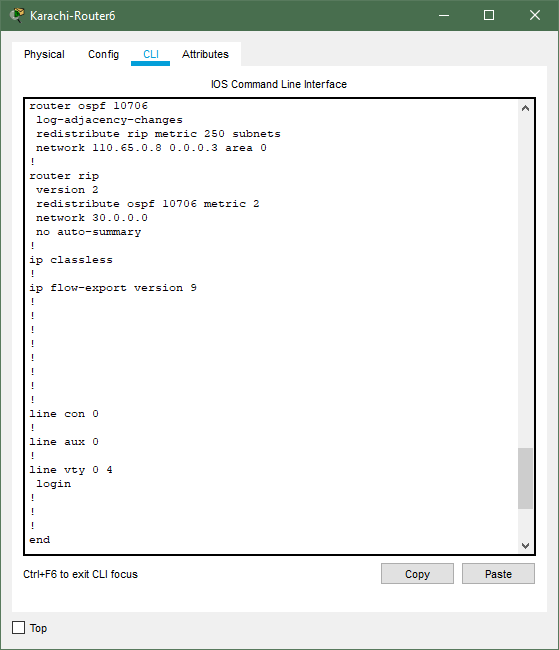
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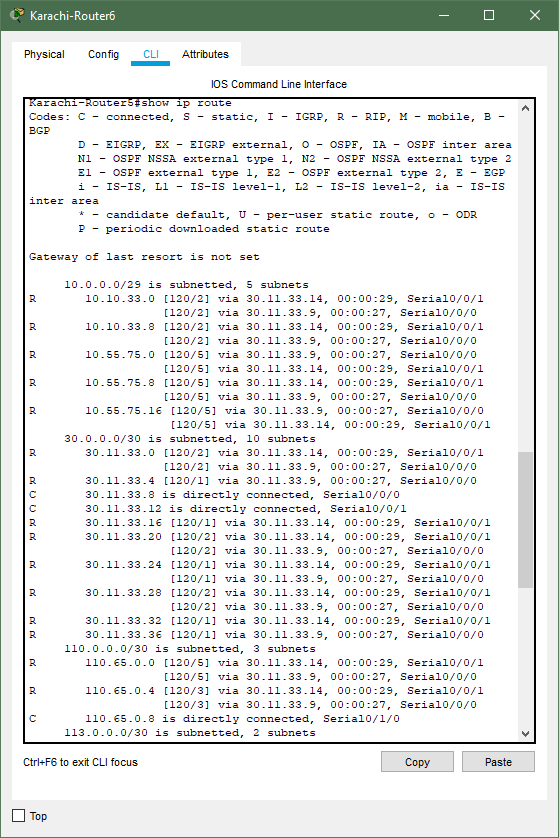
**Karachi-Router6:**

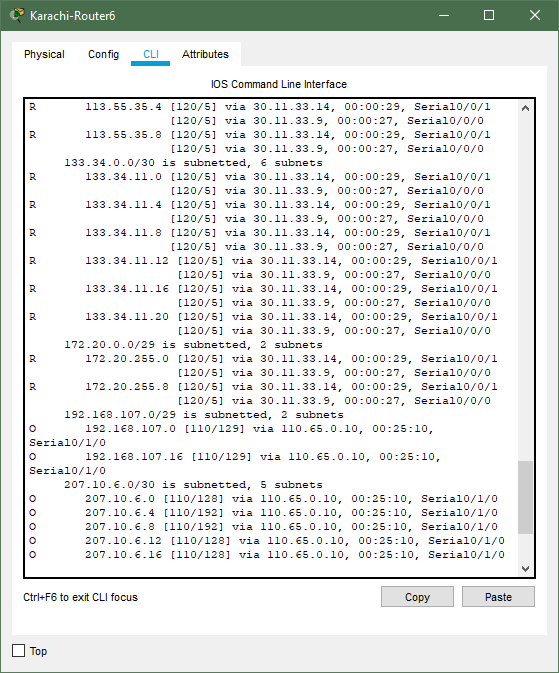
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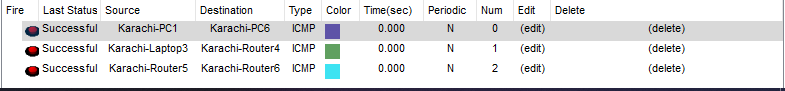
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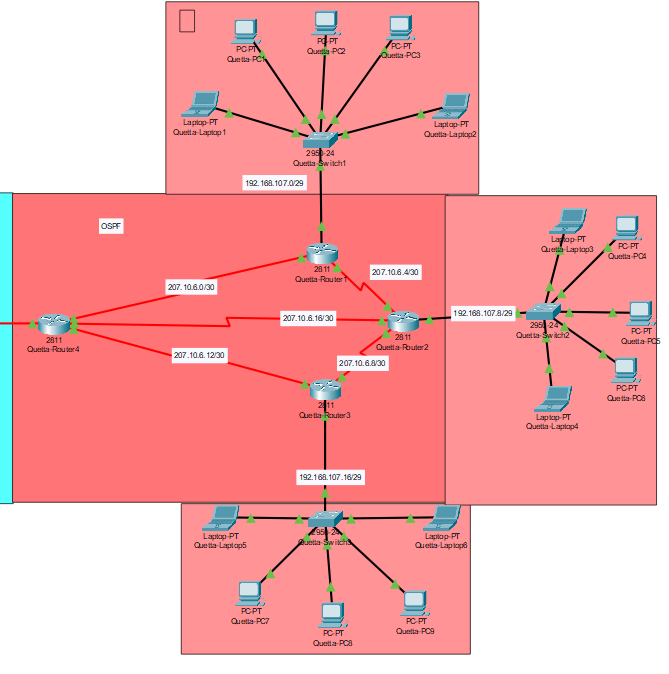
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**Example Pings:**

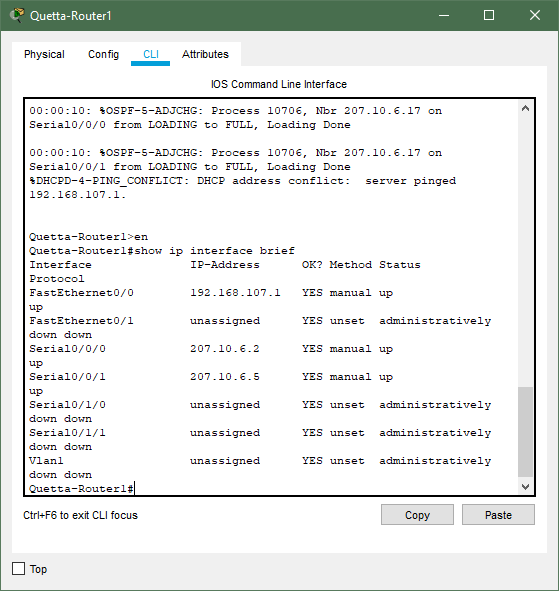
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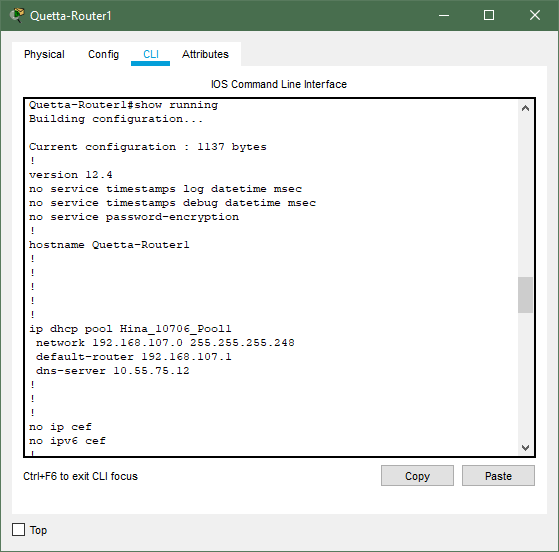
**4.Hina Qamar (10706):**

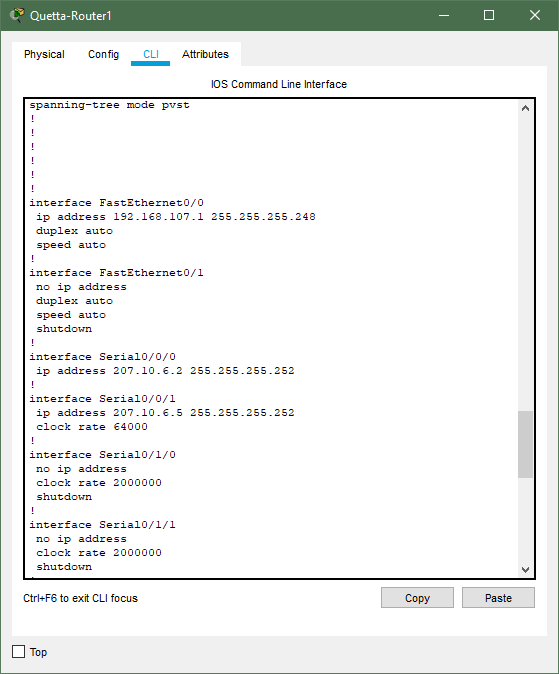
**Quetta Topology:**

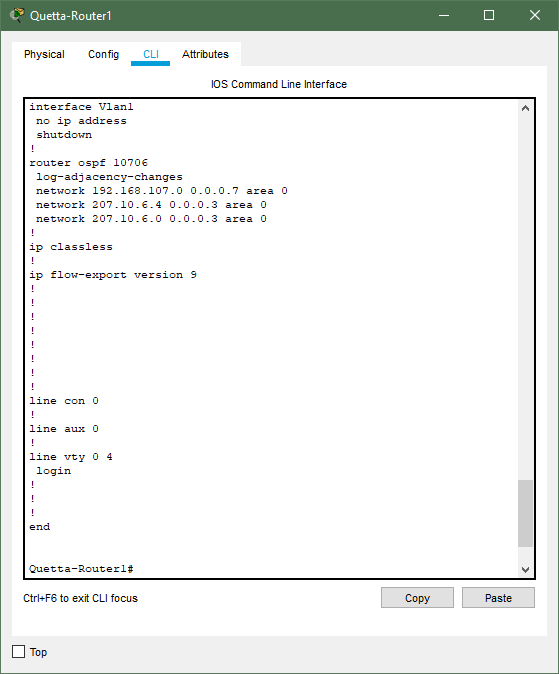
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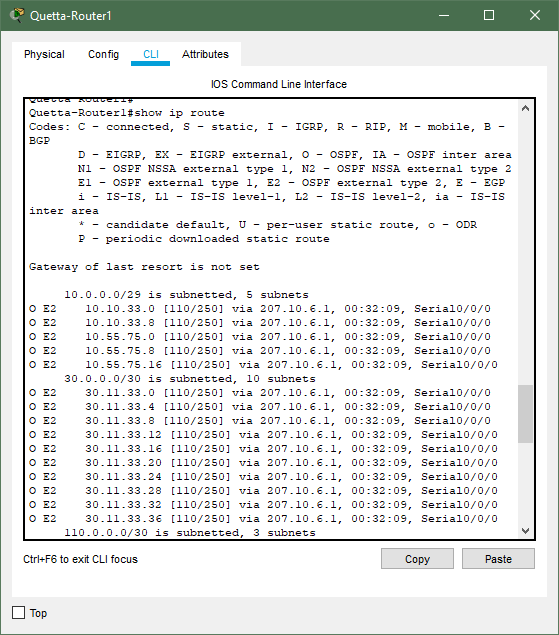
**Quetta-Router1:**

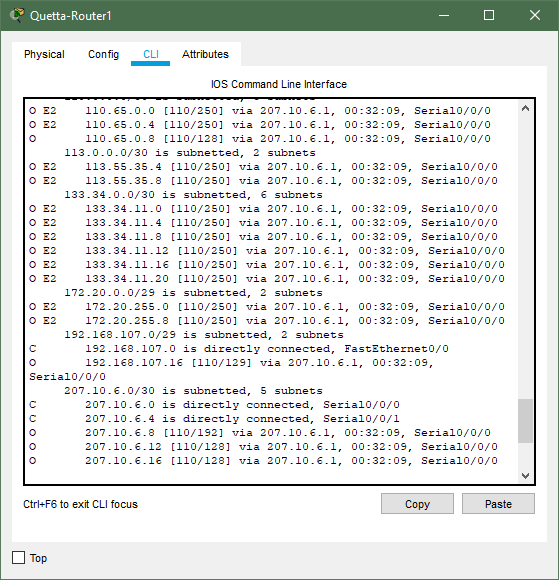
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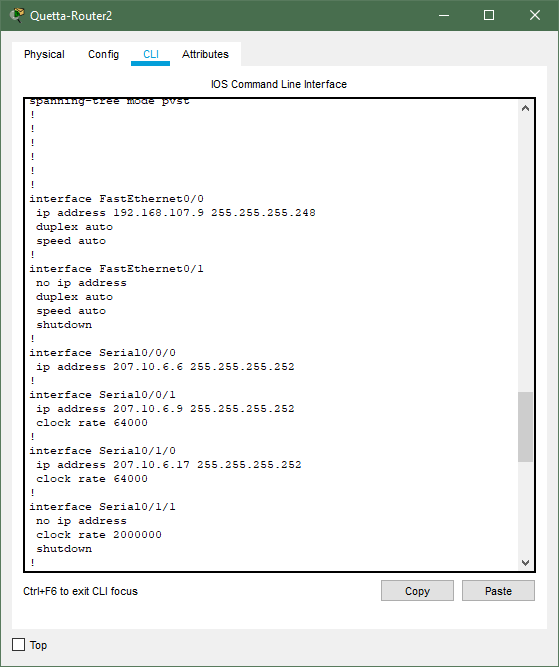
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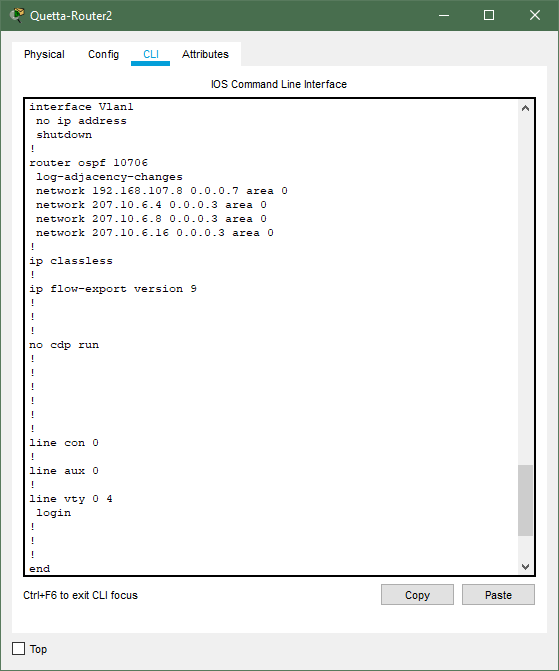
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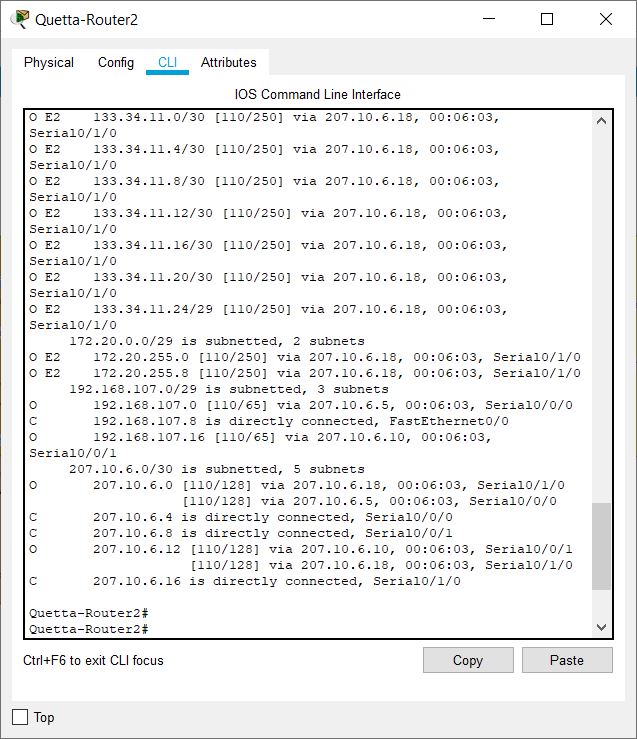
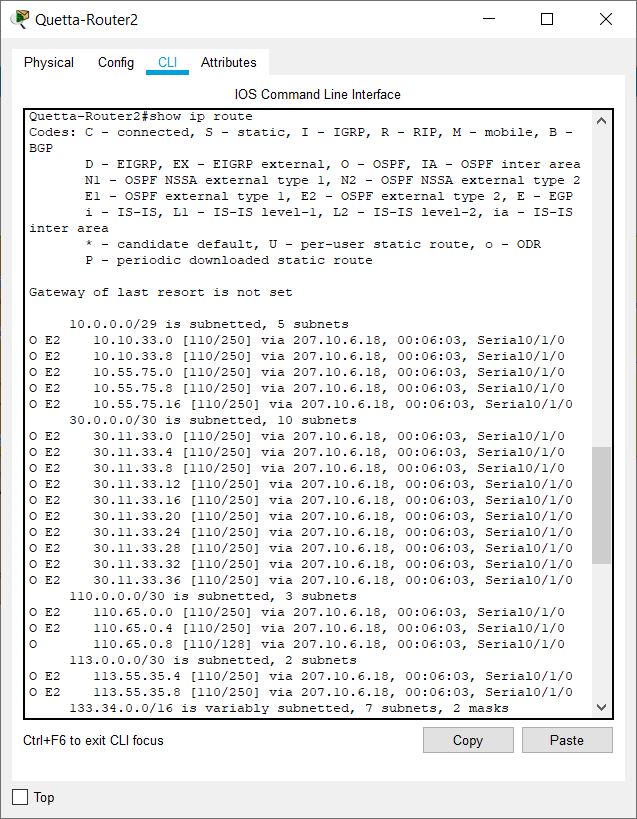
**Quetta-Router2:**

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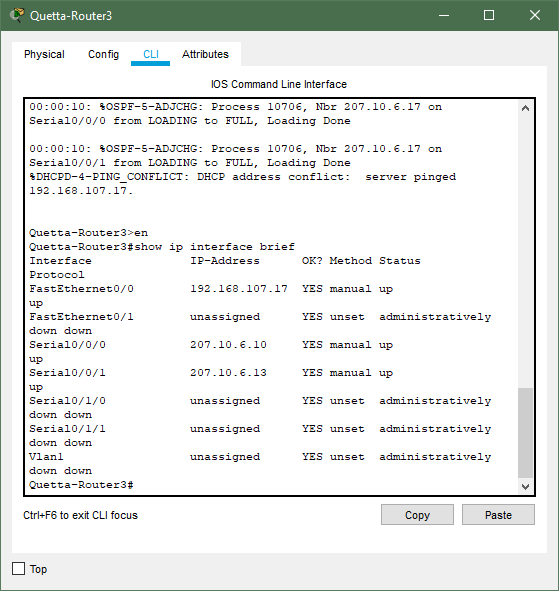
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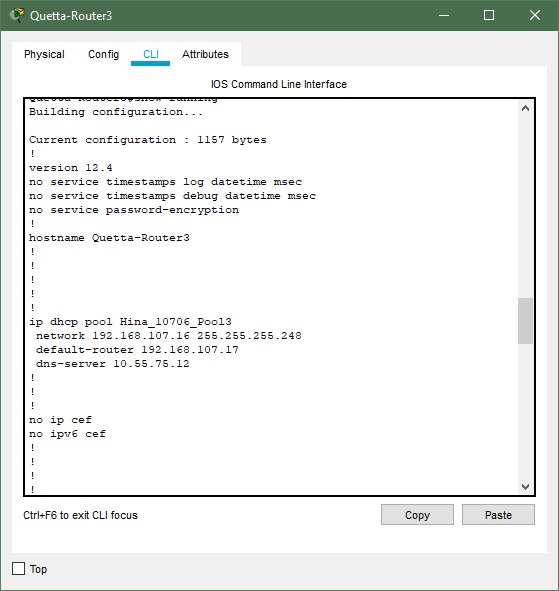
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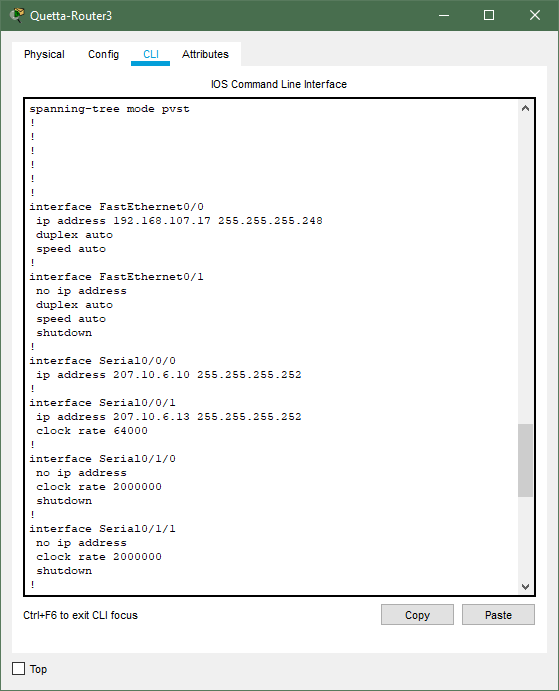
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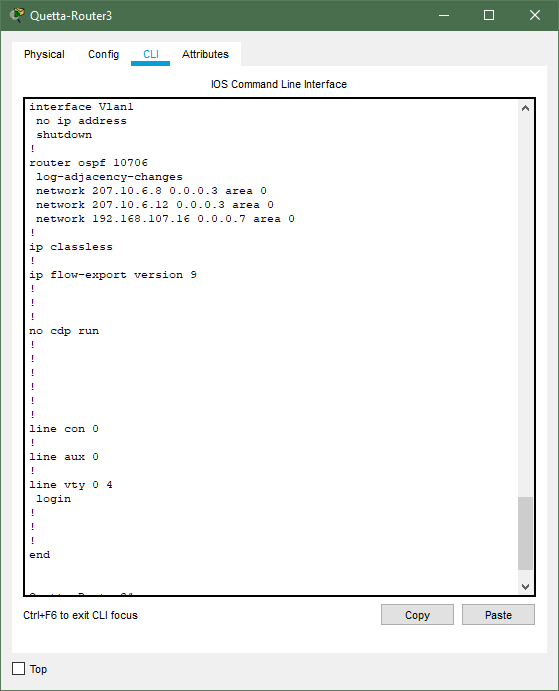
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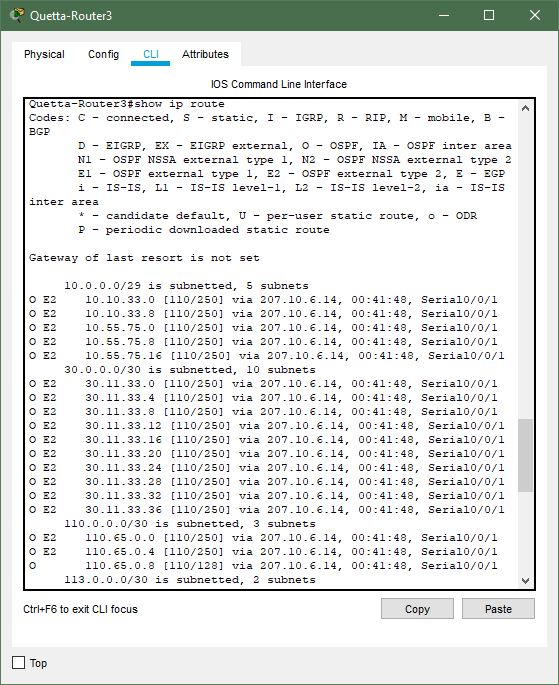
**Quetta-Router3:**

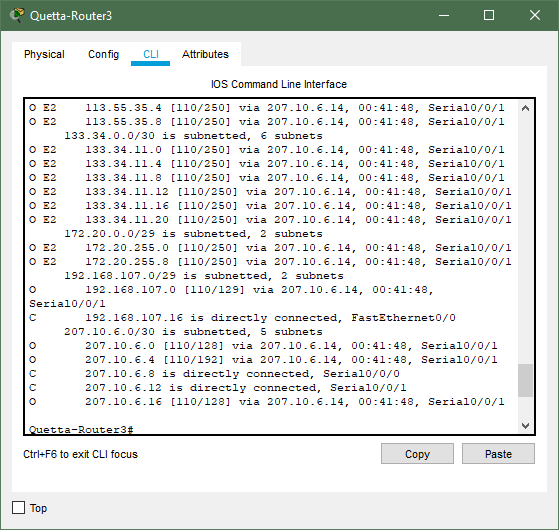
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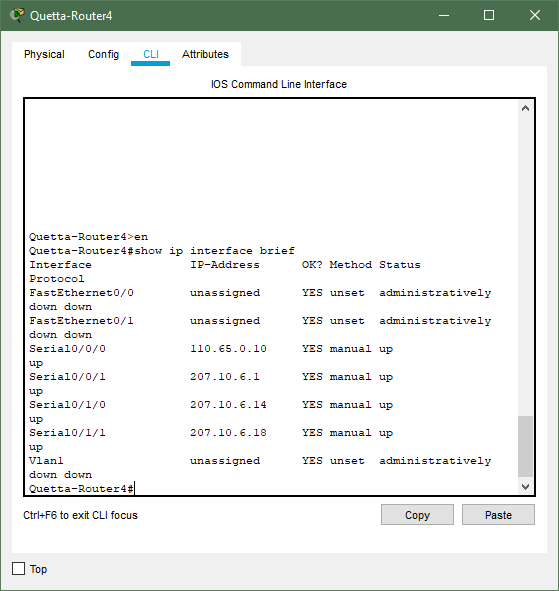
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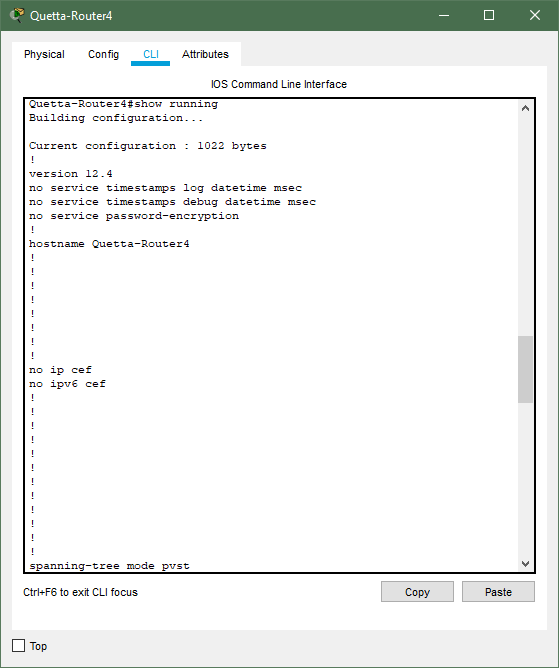
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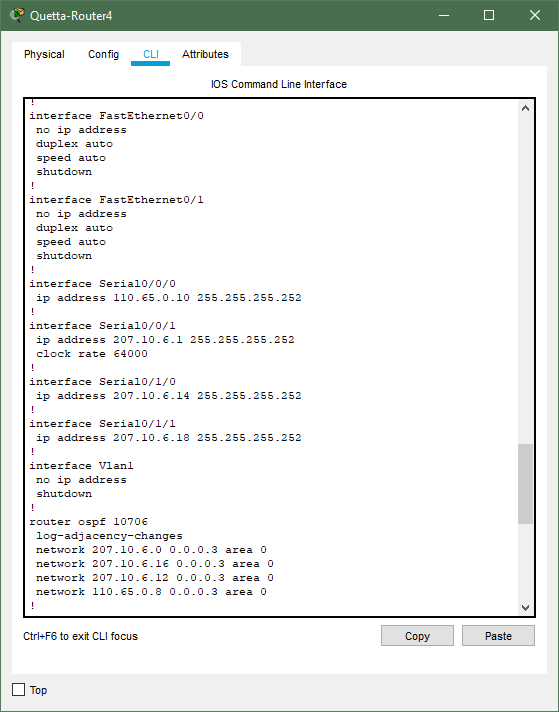
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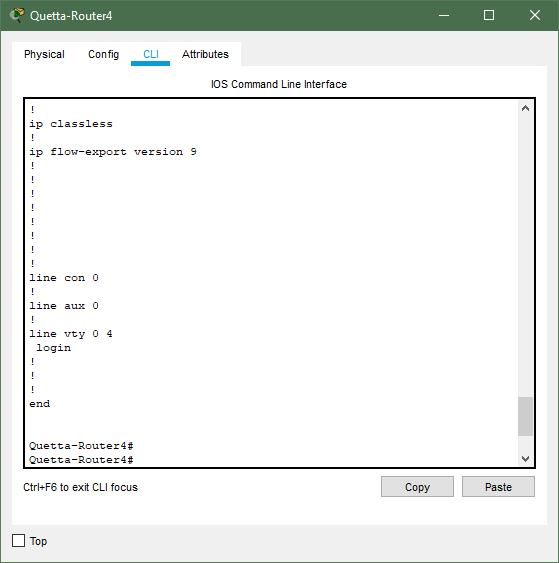
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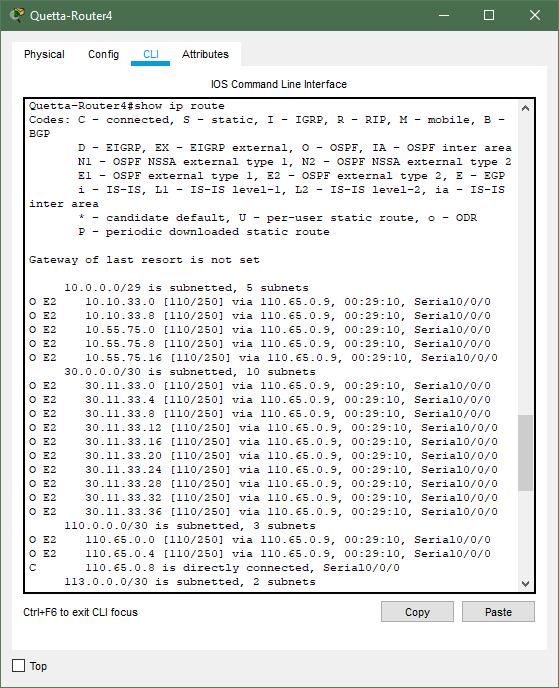
**Quetta-Router4:**

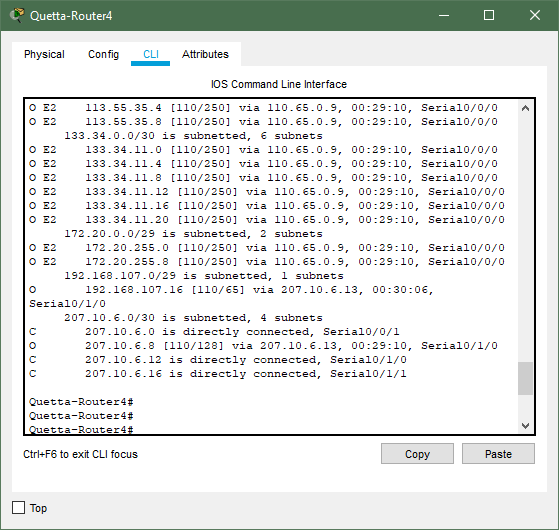
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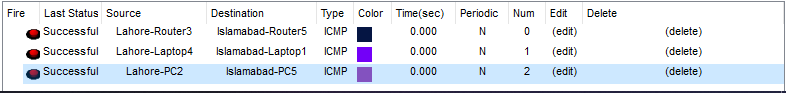
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**Example Pings:**

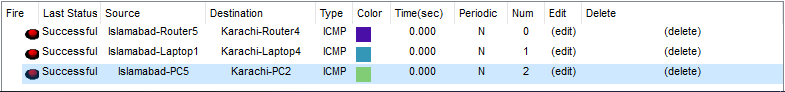
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**Redistribution Example Pings:**

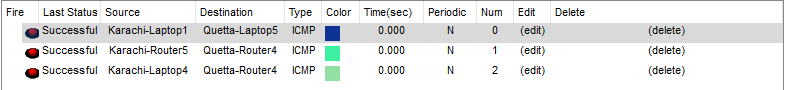
**Lahore TO Islamabad:**

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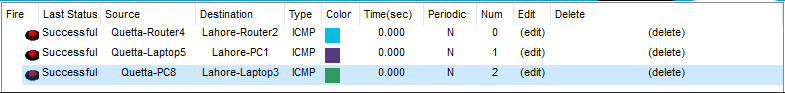
**Islamabad TO Karachi:**

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**Karachi TO Quetta:**

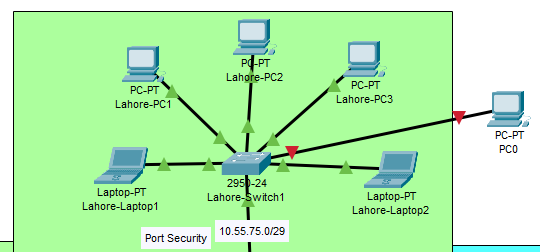
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**Quetta TO Lahore:**

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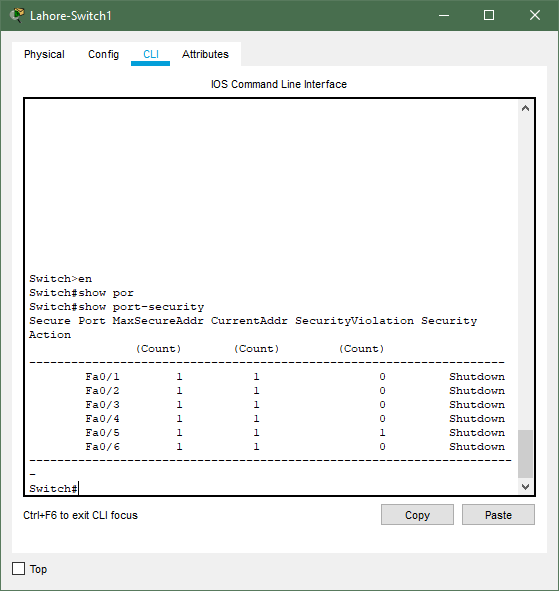
**Port Security Example:**

**New PC:**

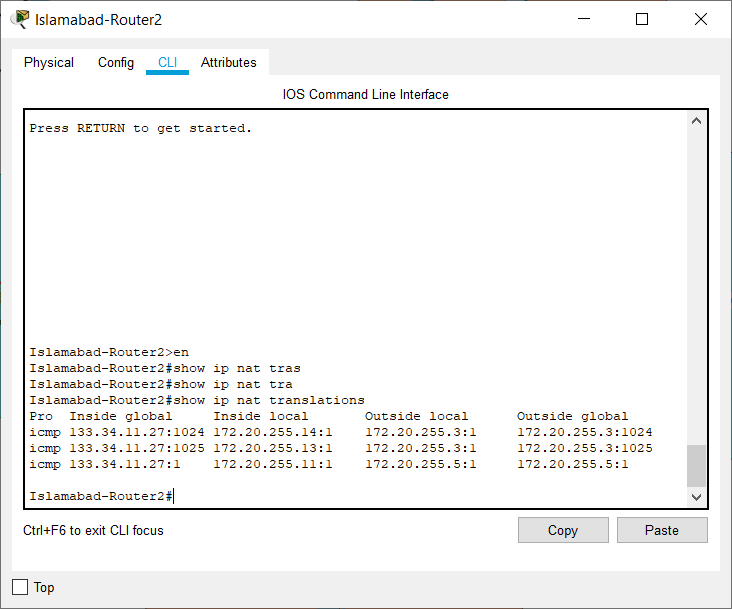
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**New PC at old PC place:**

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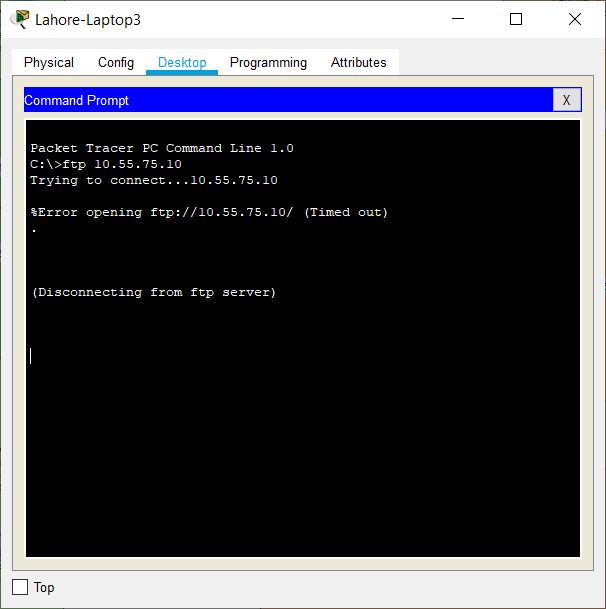
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**NAT Example:**

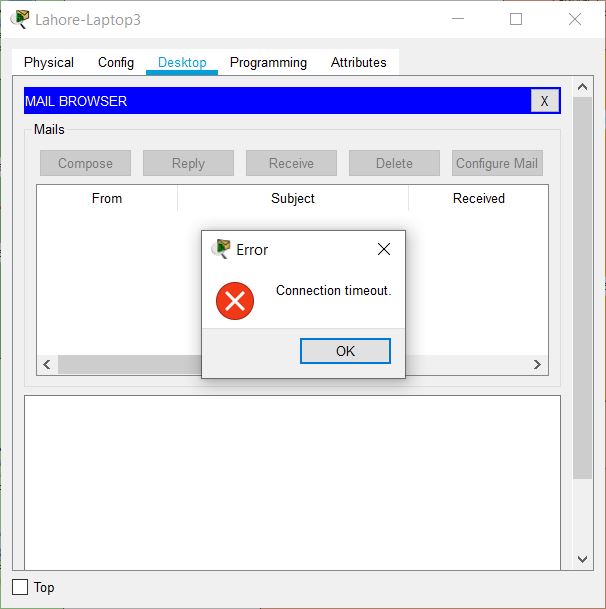


**ACL Example:**

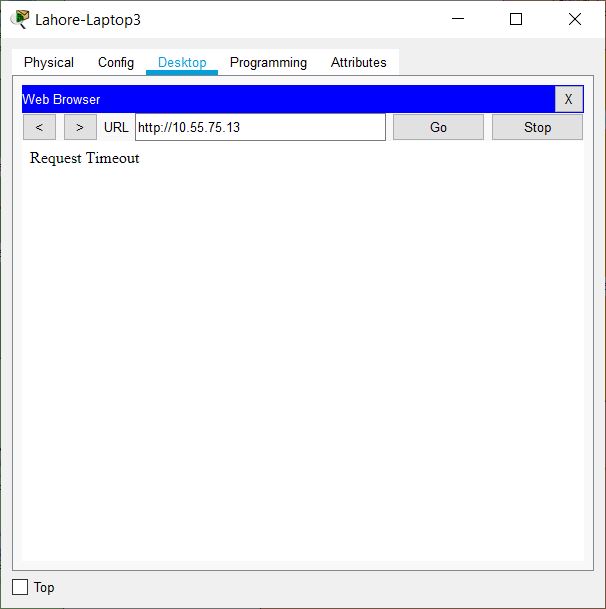
**ACL FTP:**

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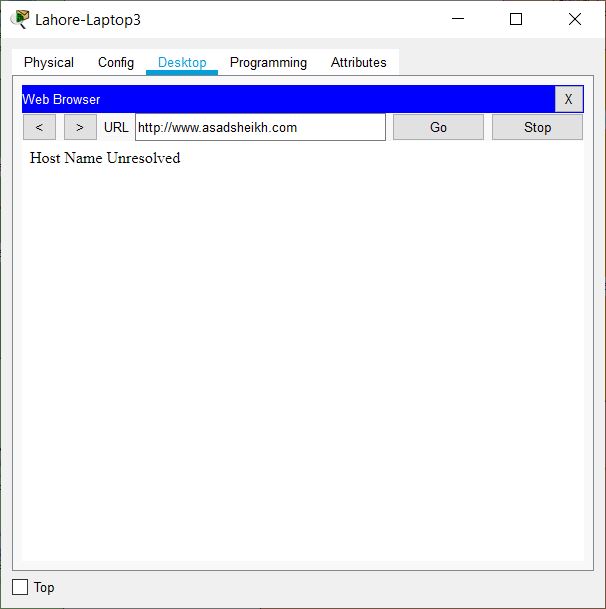
**ACL EMAIL:**

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**ACL WEB:**

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**ACL DNS:**

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