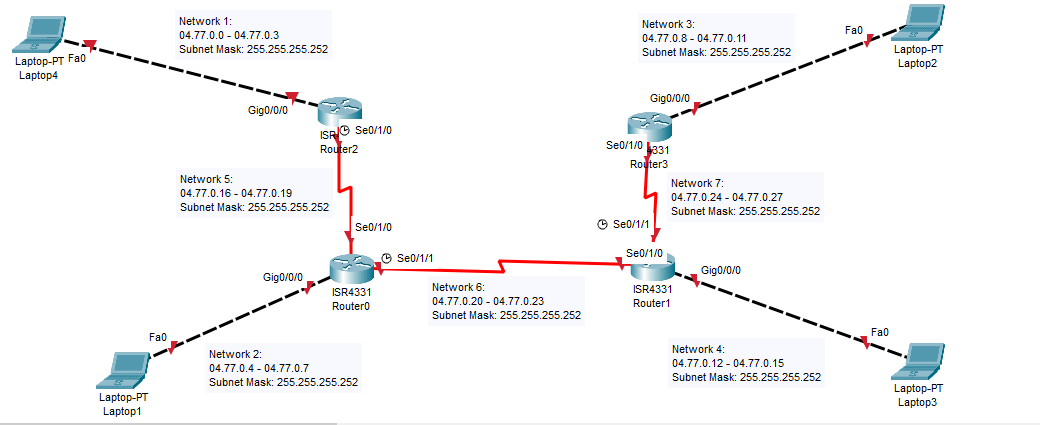
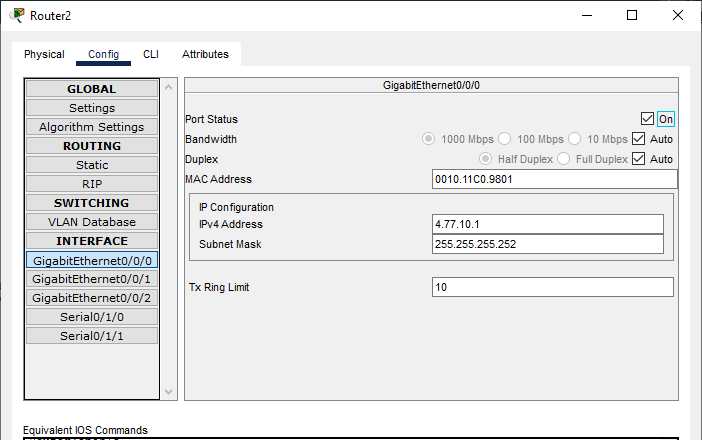
**CN LAB 10**

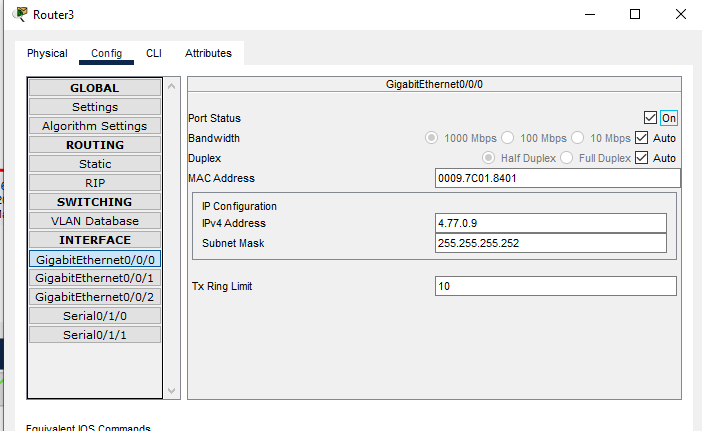
**MOHAMMAD BASIL ALI KHAN**

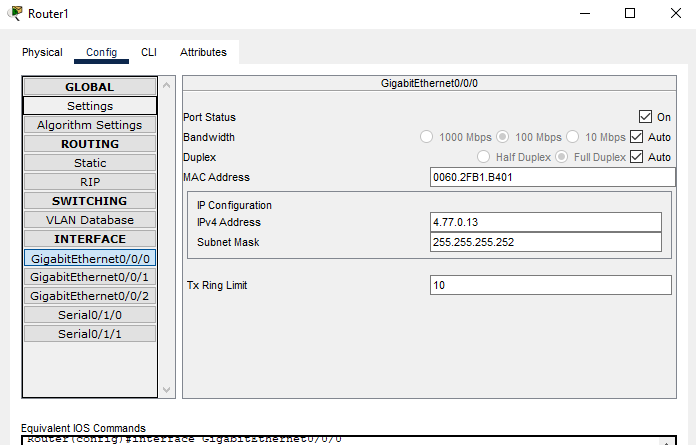
**20K-0477**

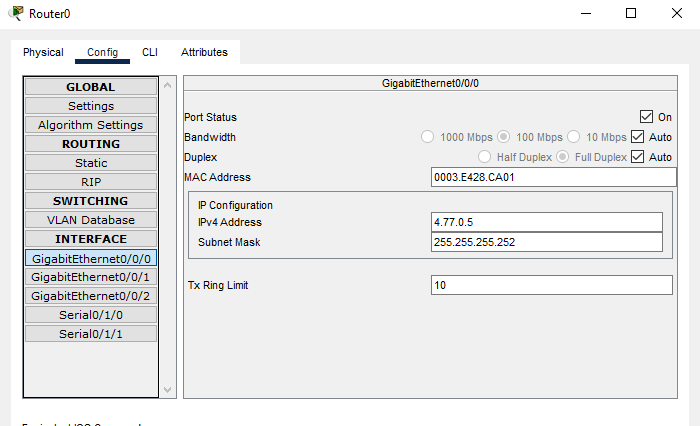
**Task#01:**

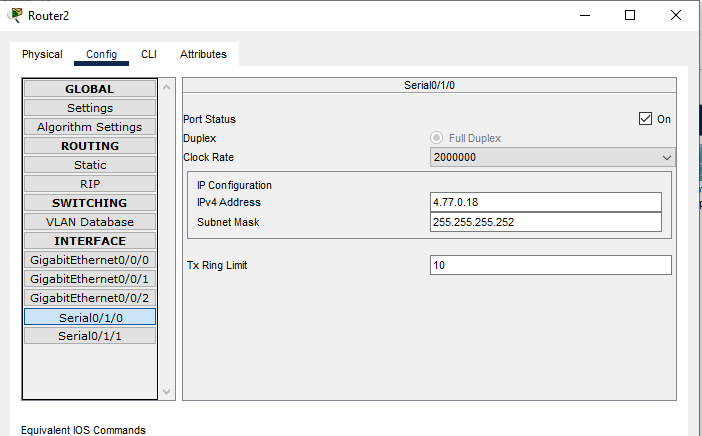


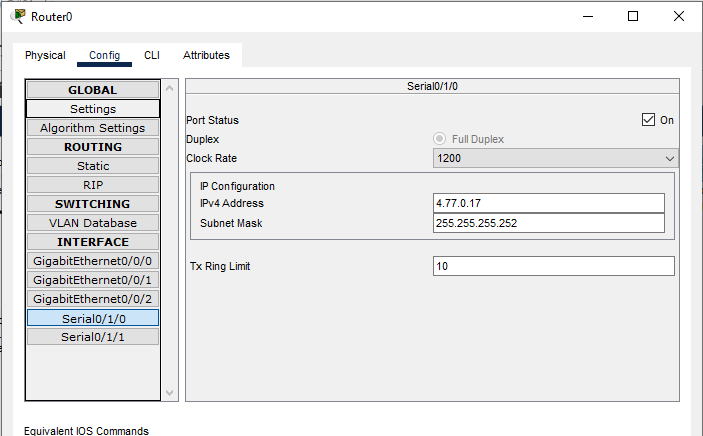


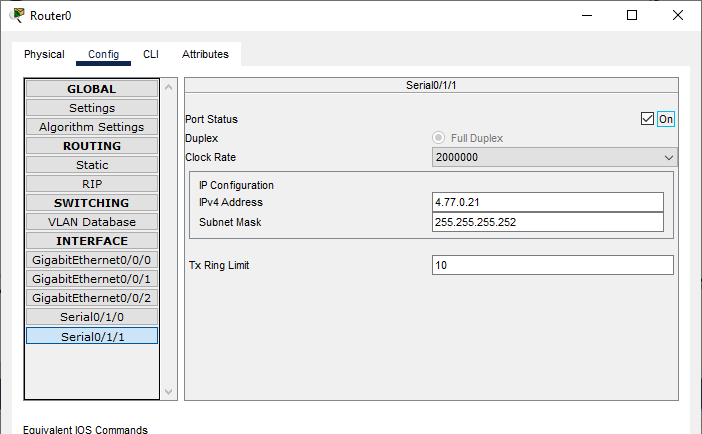


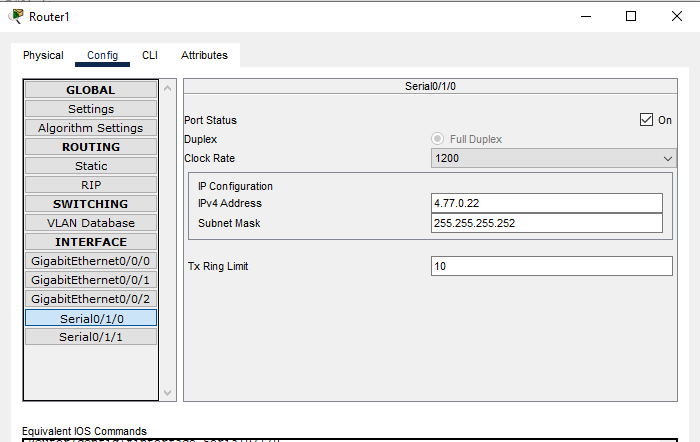


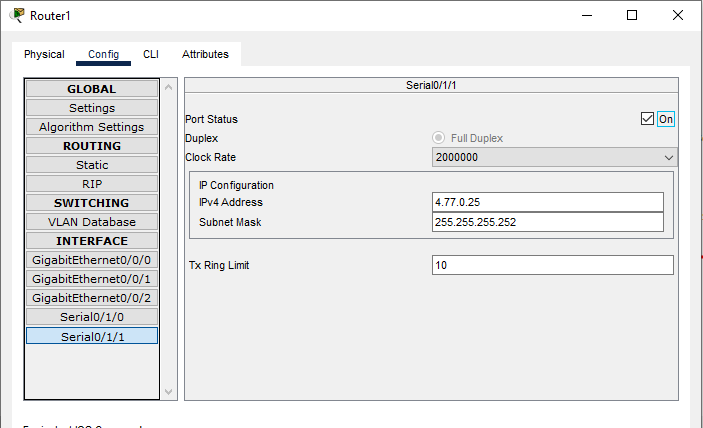


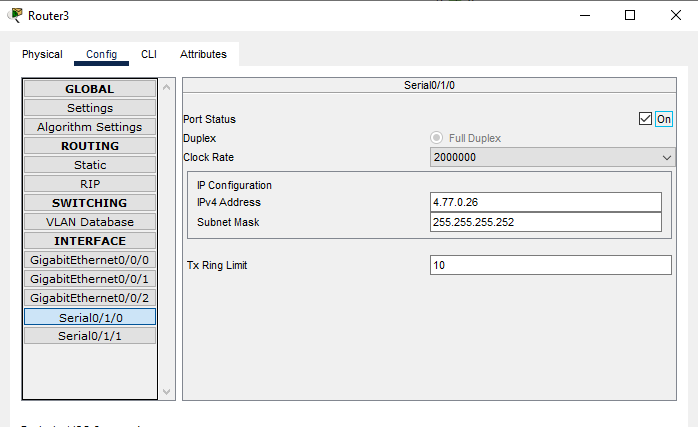


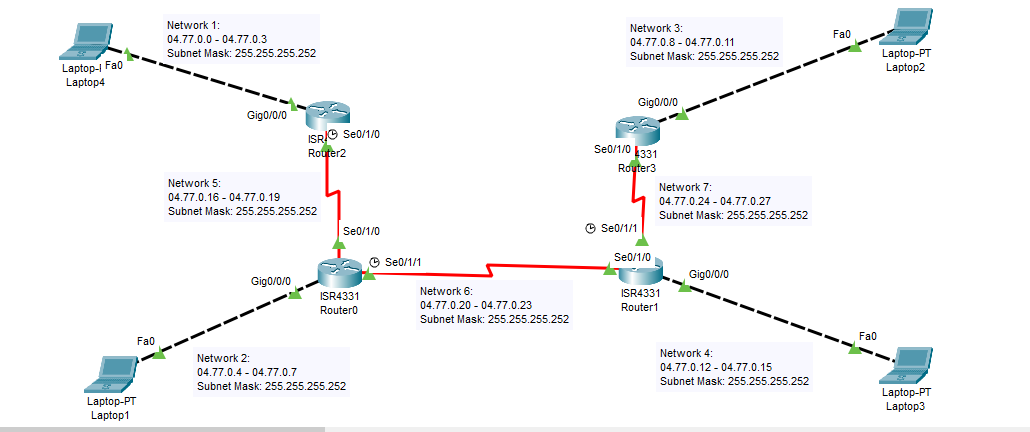


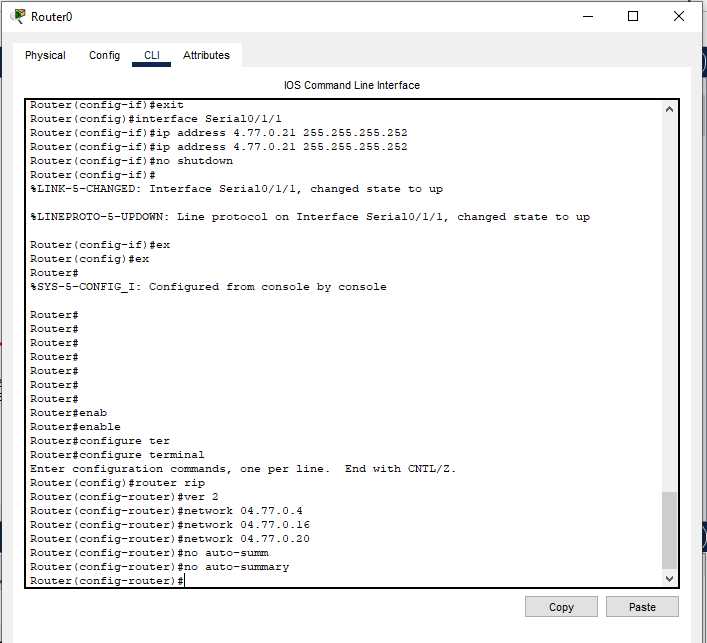


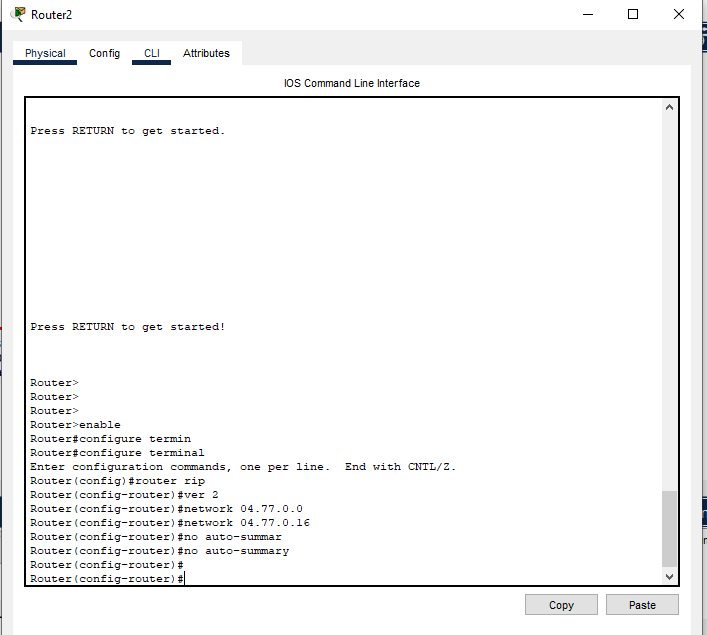


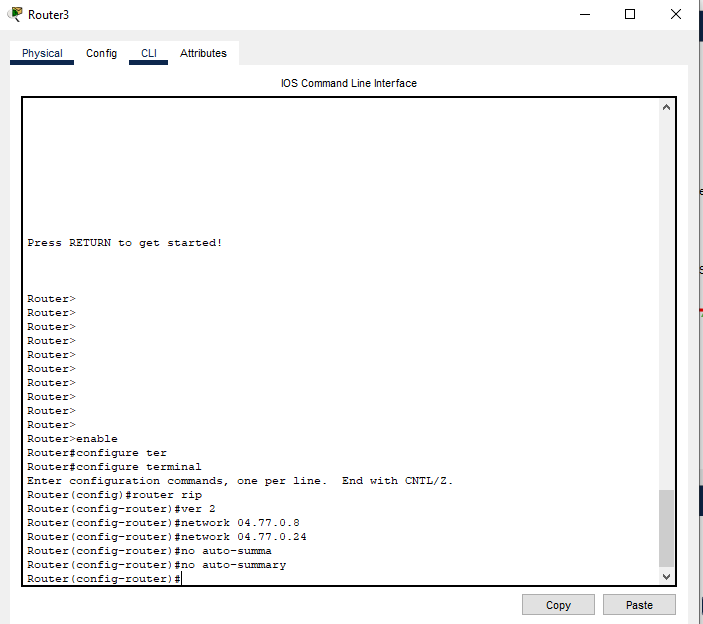


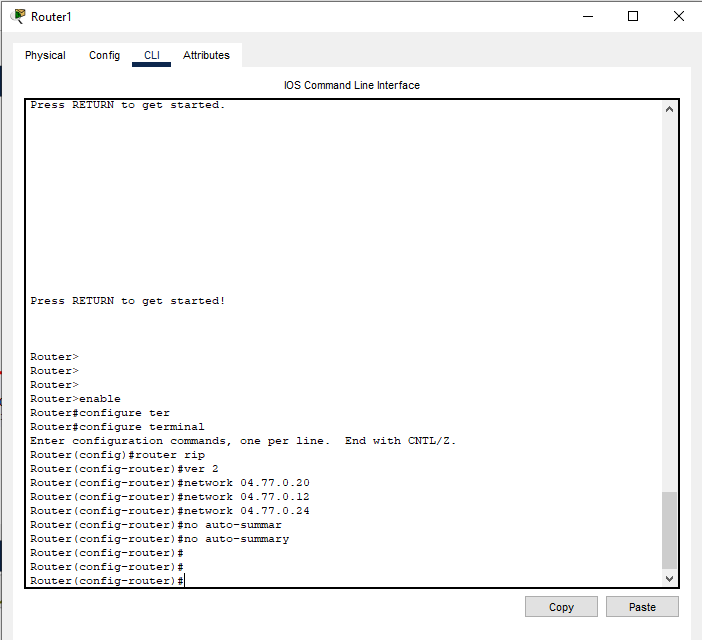


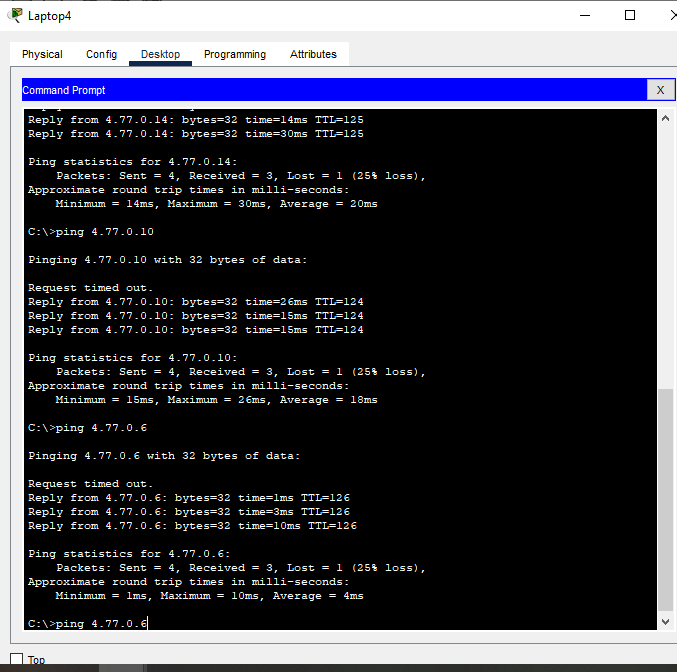


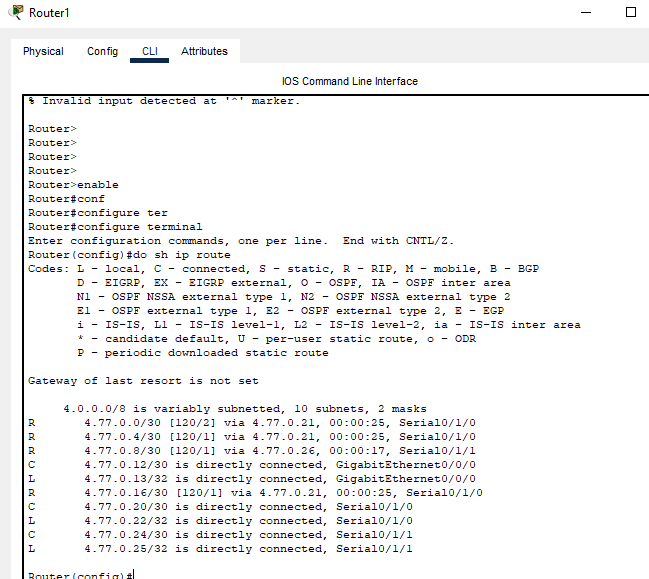






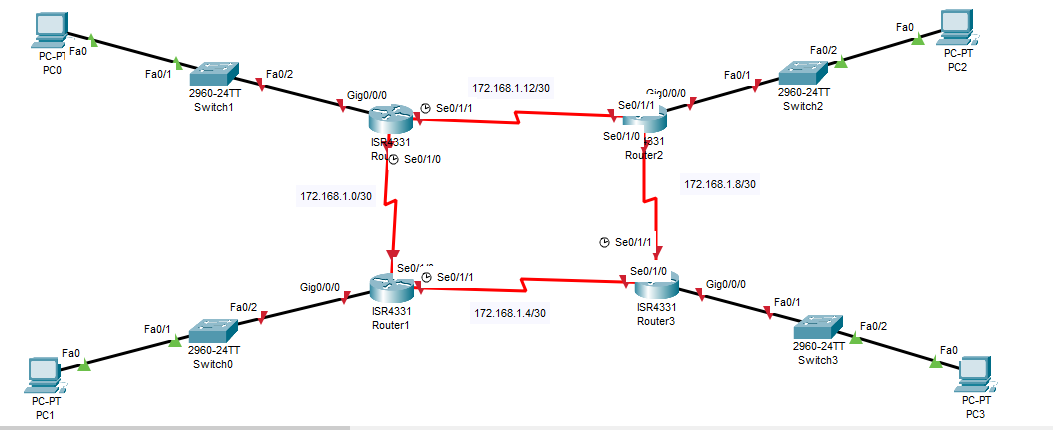


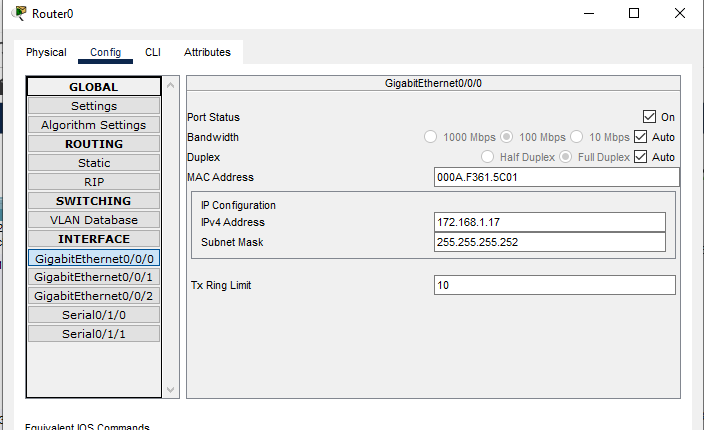


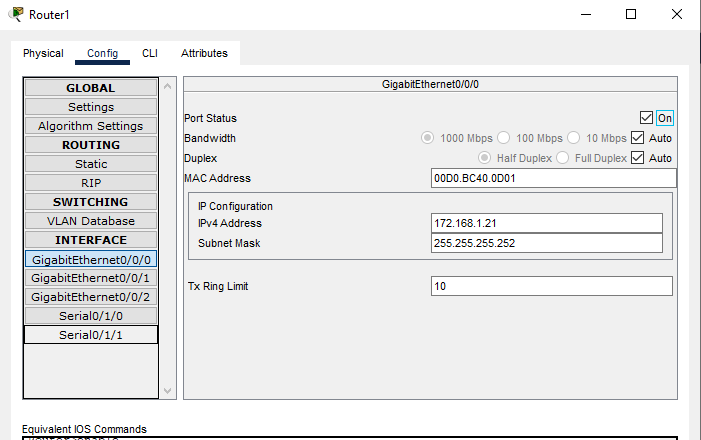


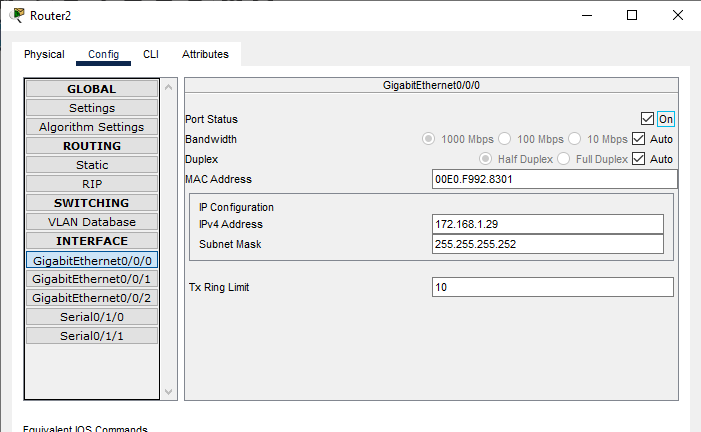
**AD VALUE: 120**

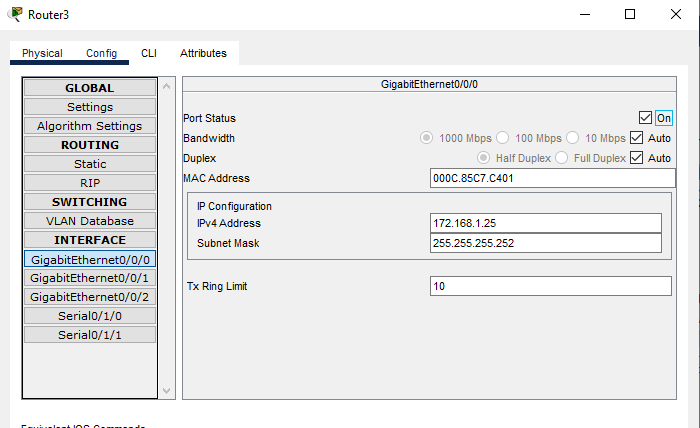
**Task#02:**

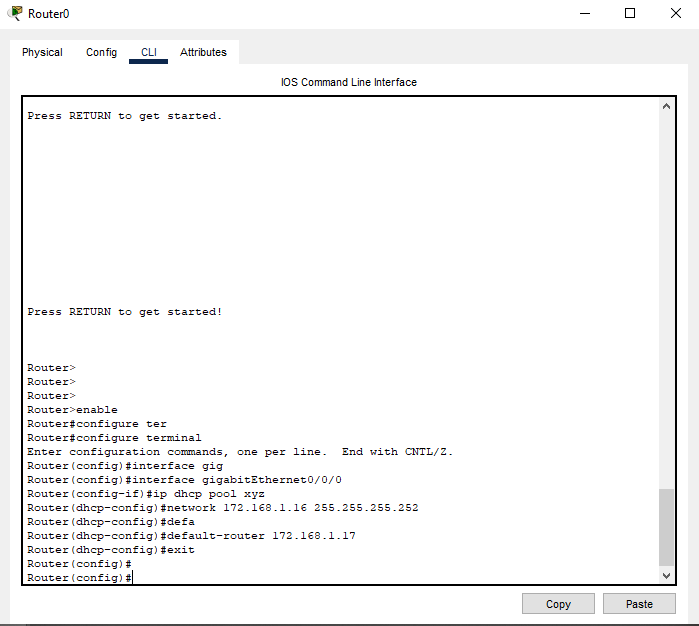


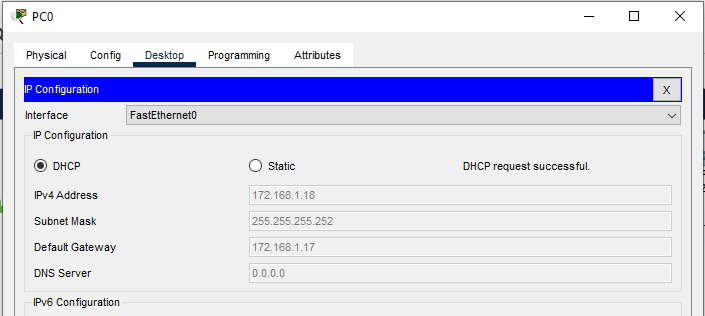


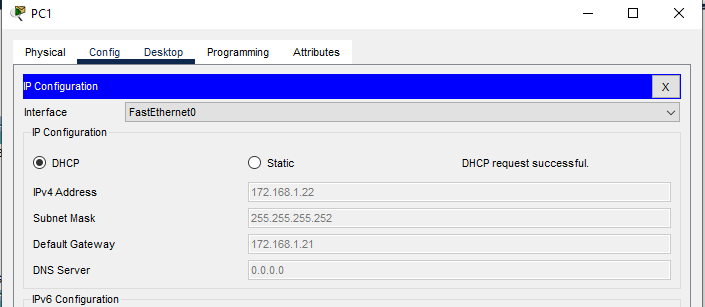


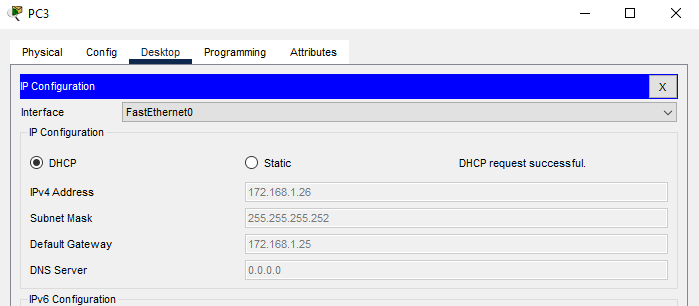


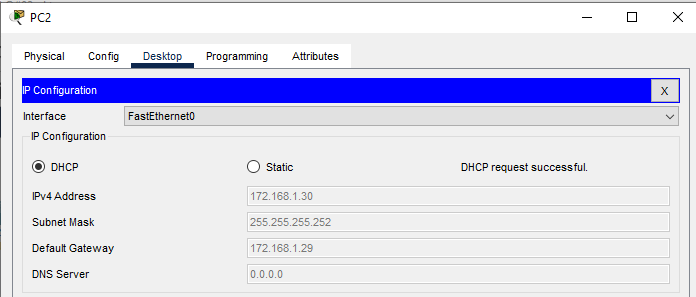


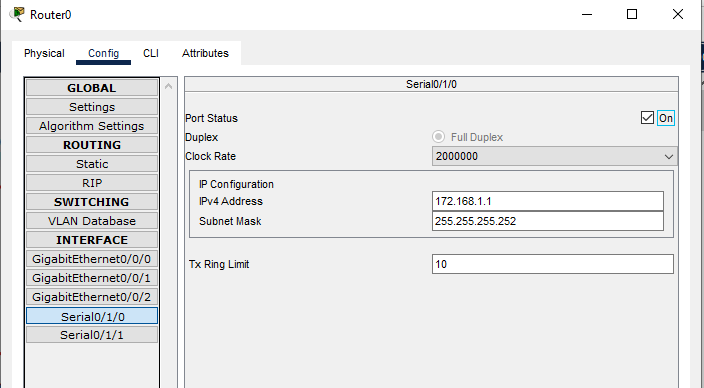


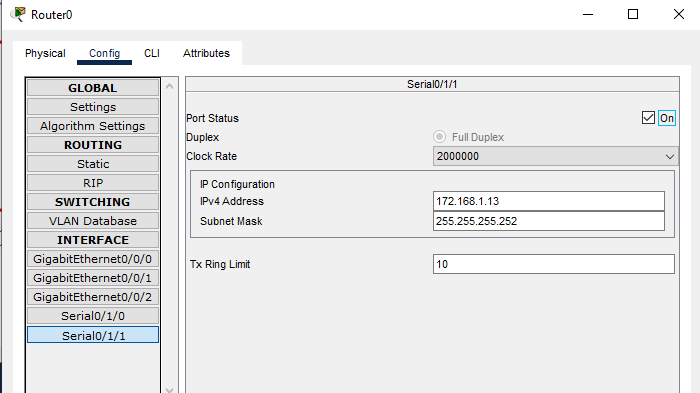


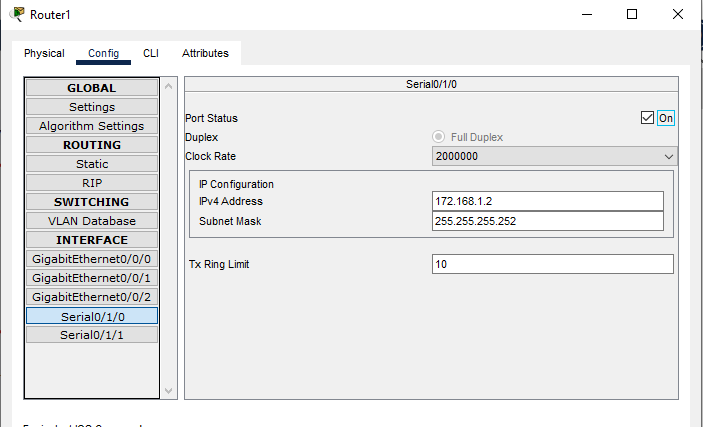


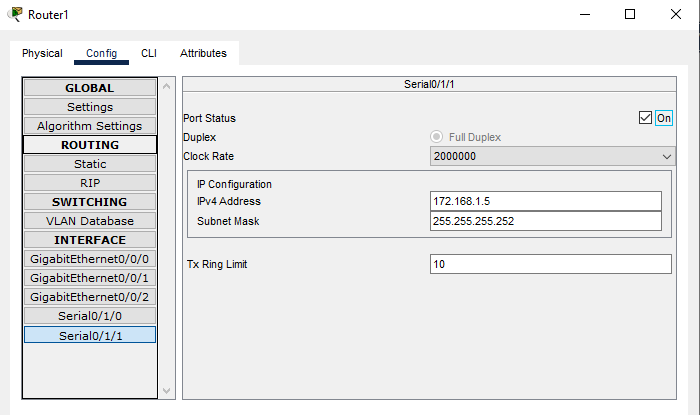


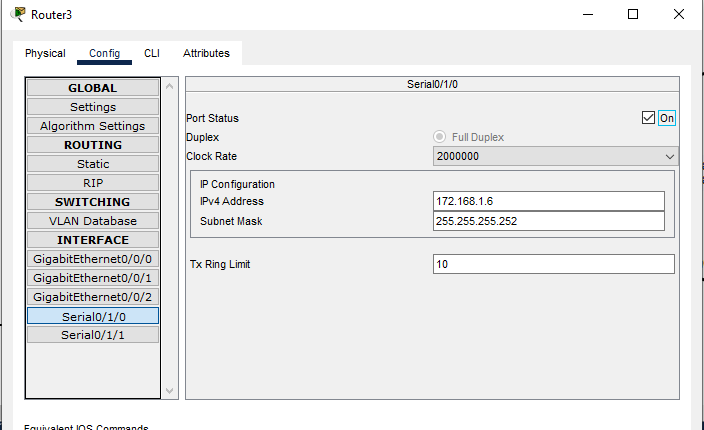


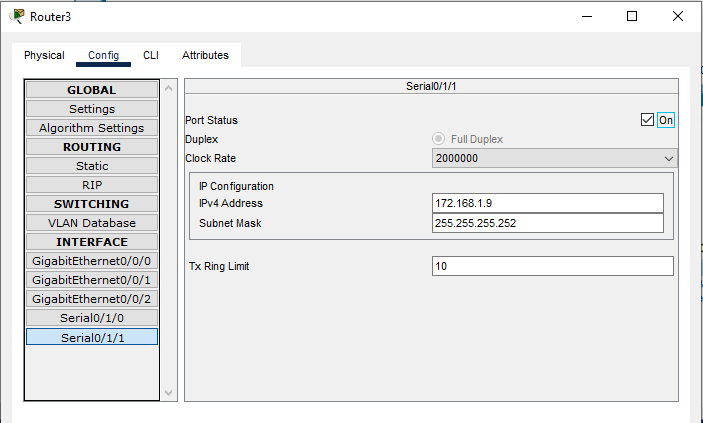


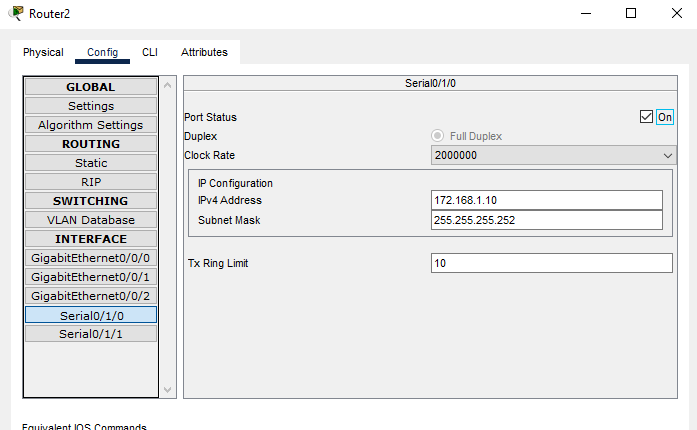


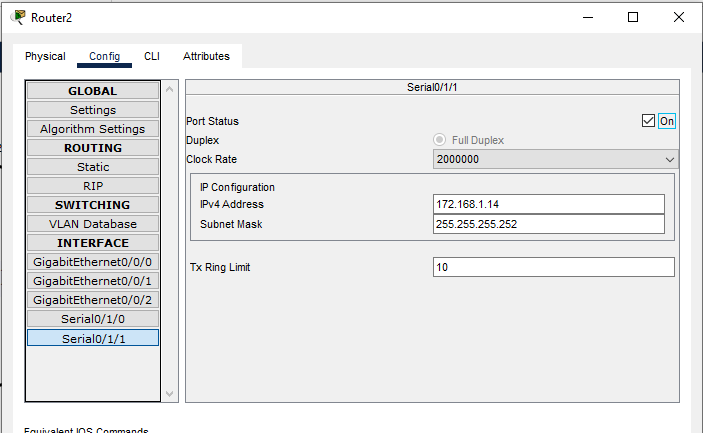


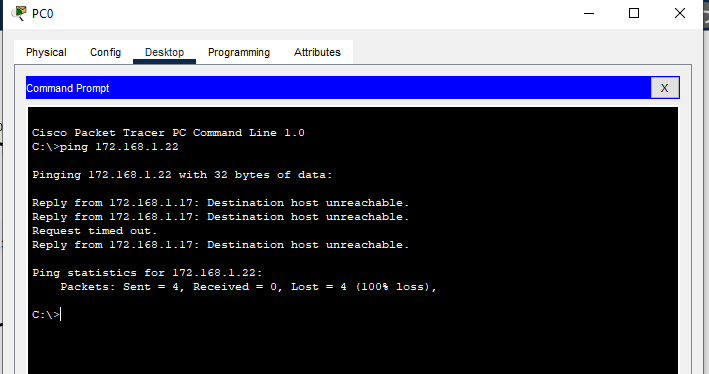


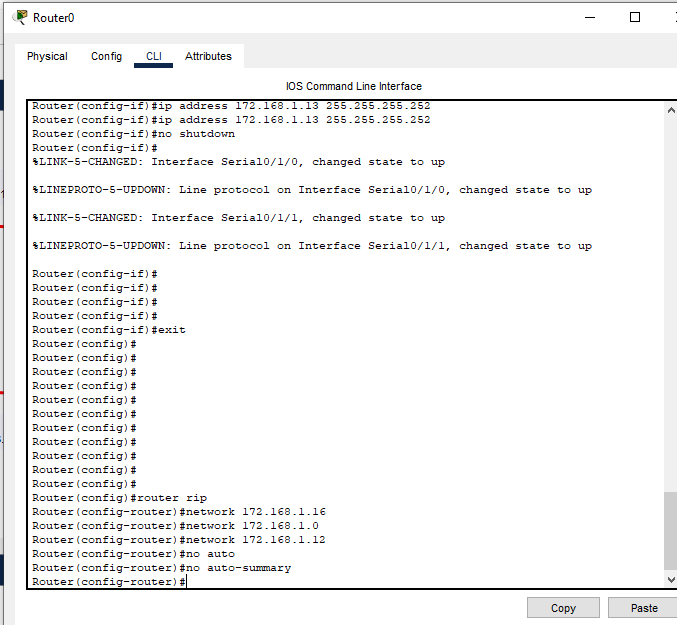


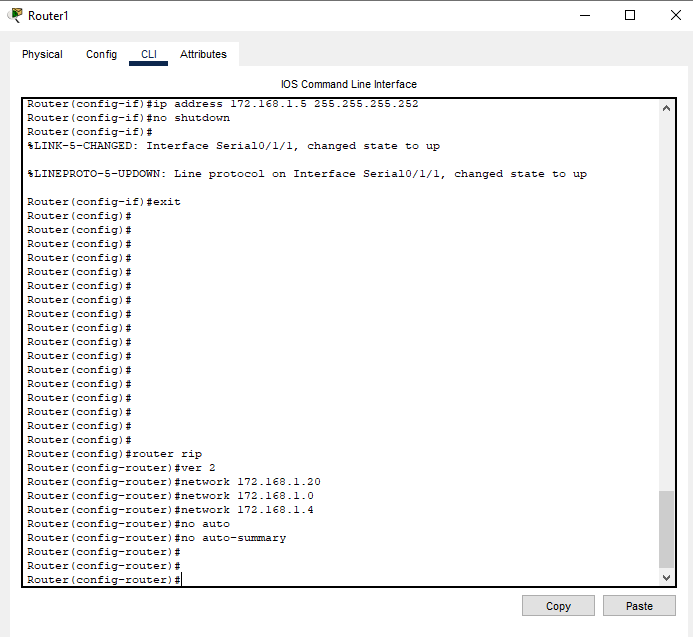


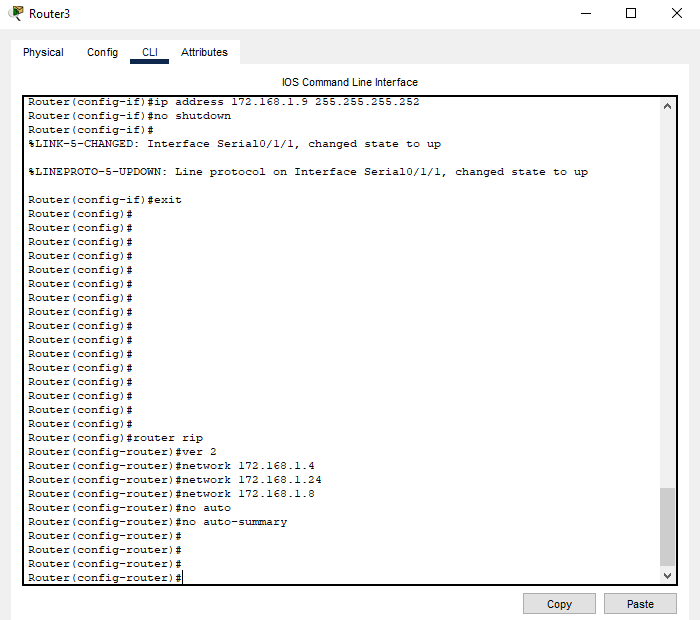


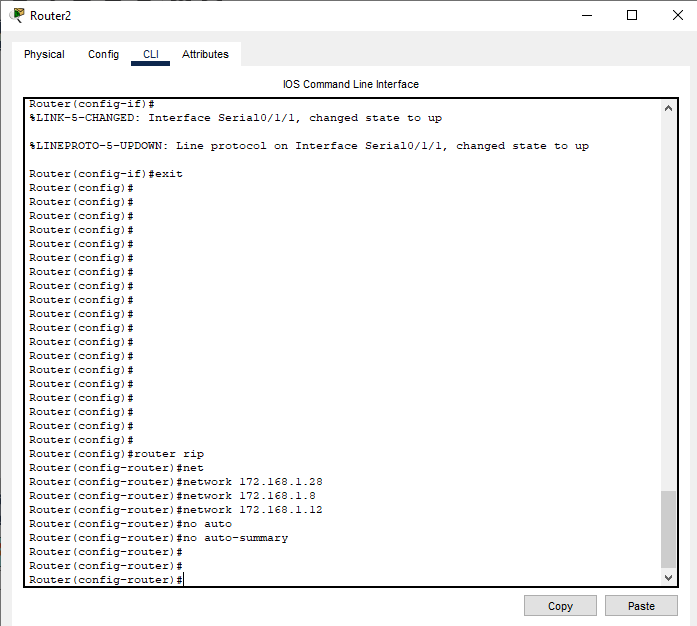


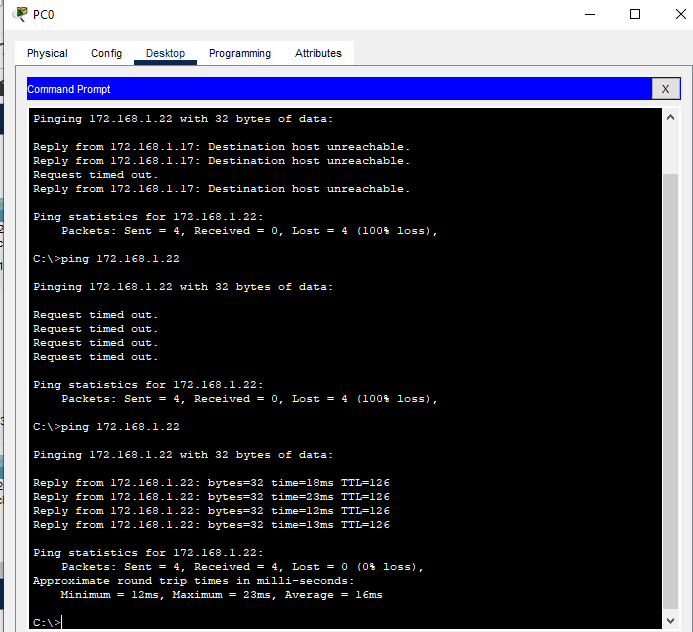


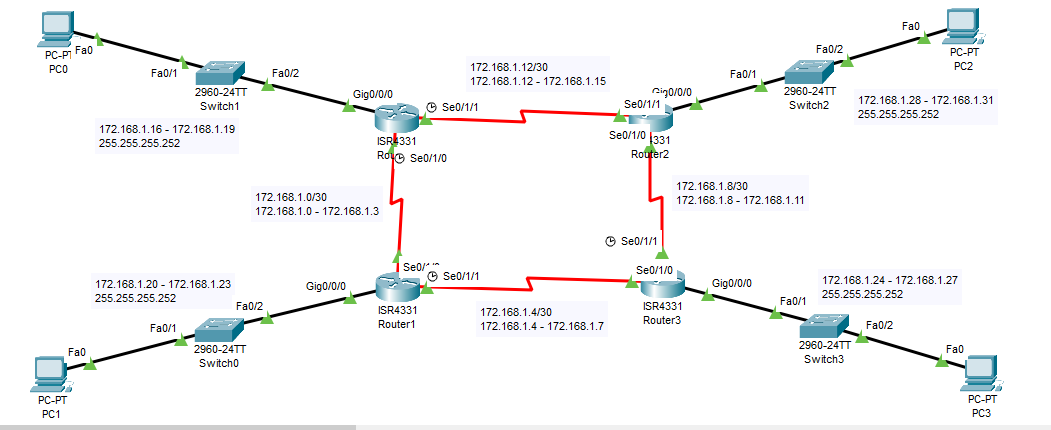






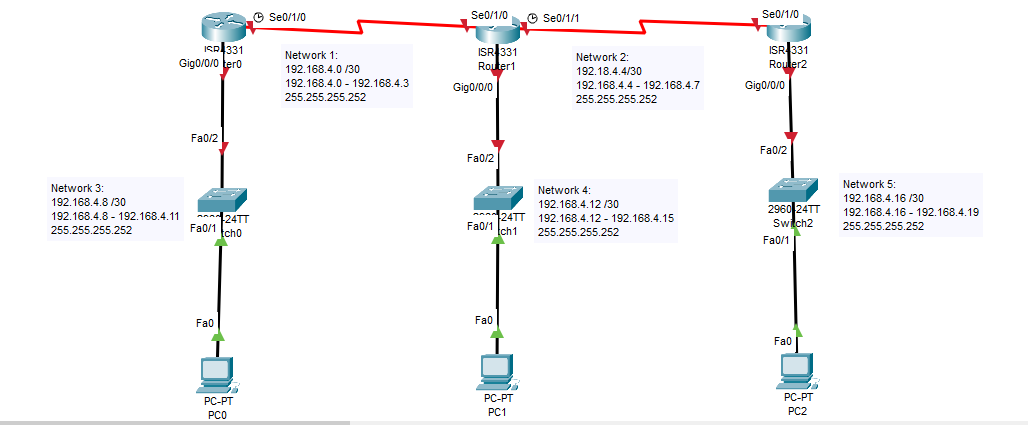


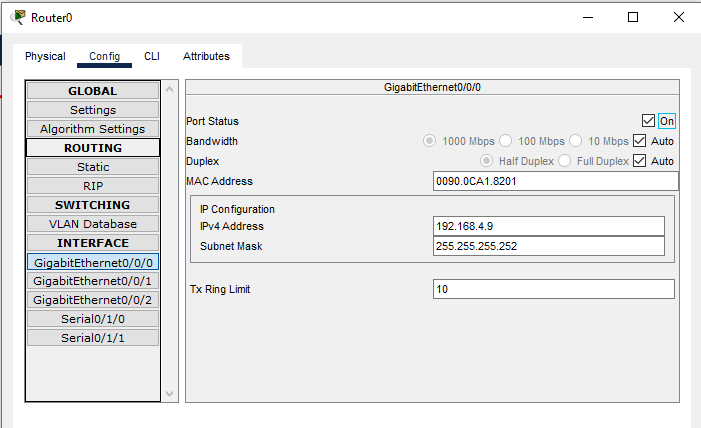


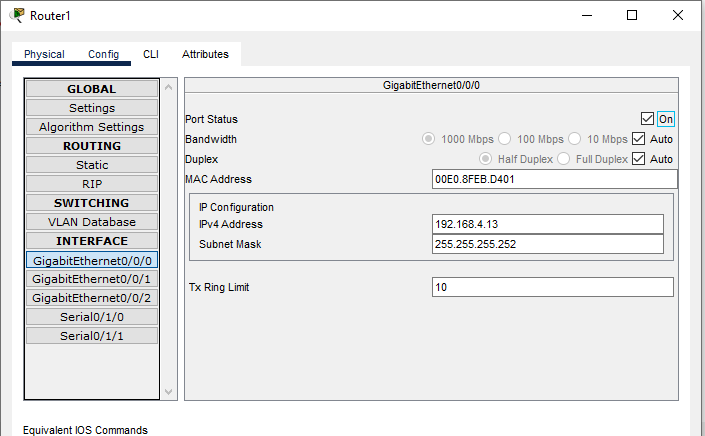


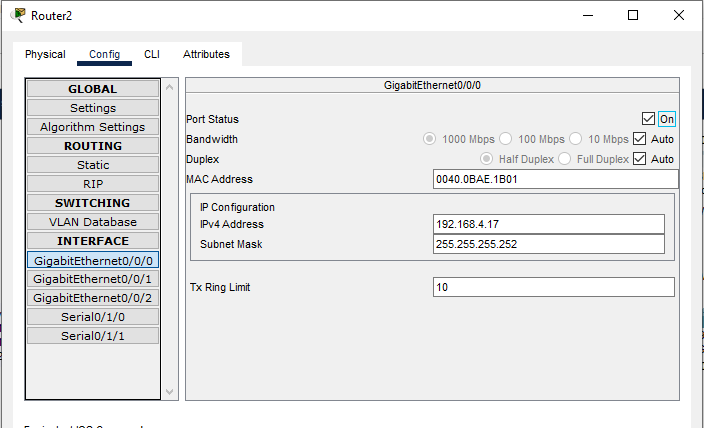
**AD VALUE: 120**

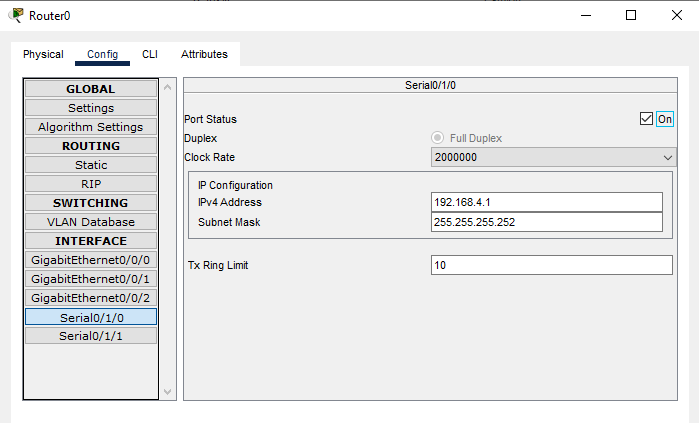
**Task#03:**

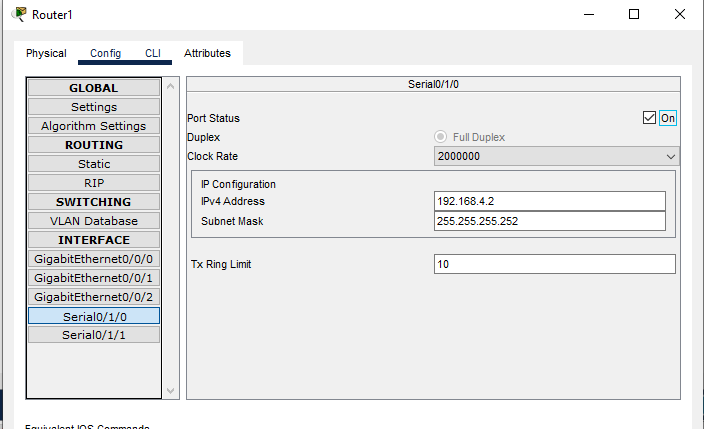


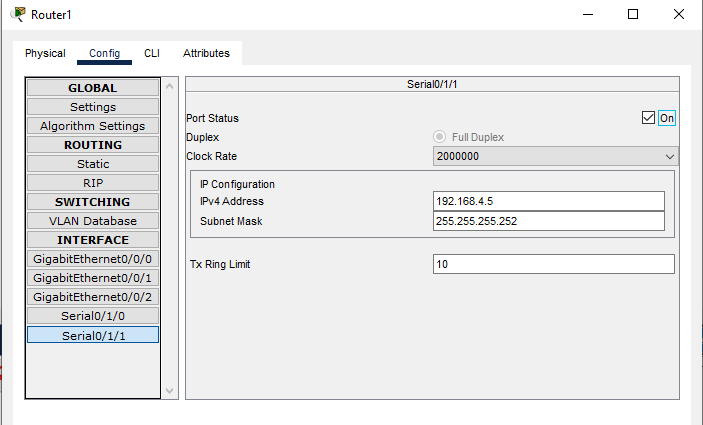


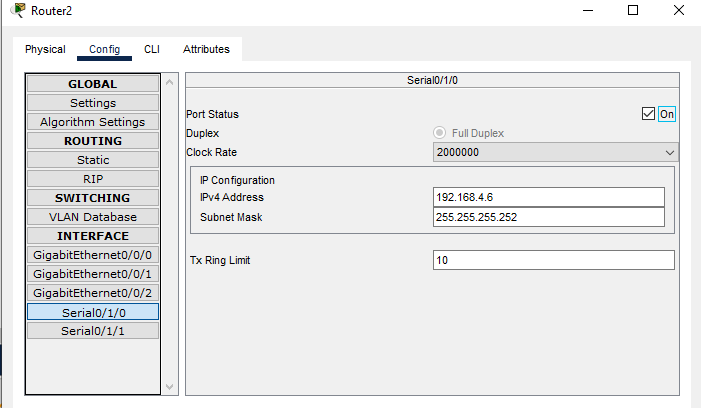


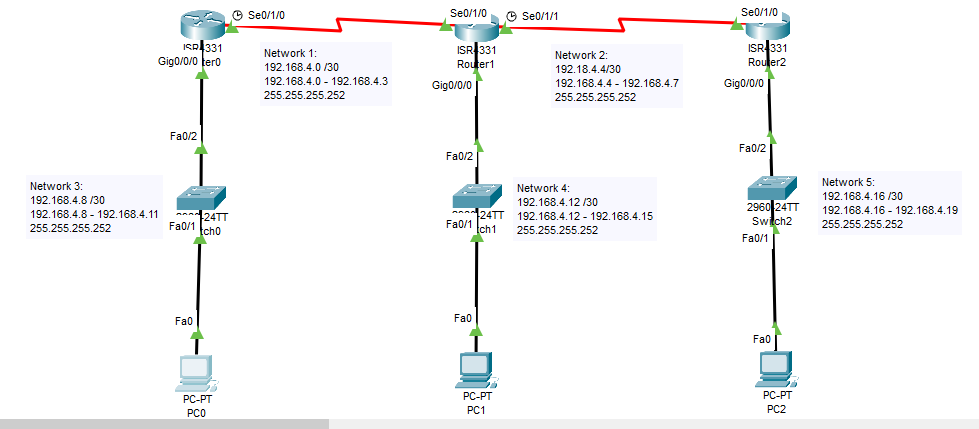


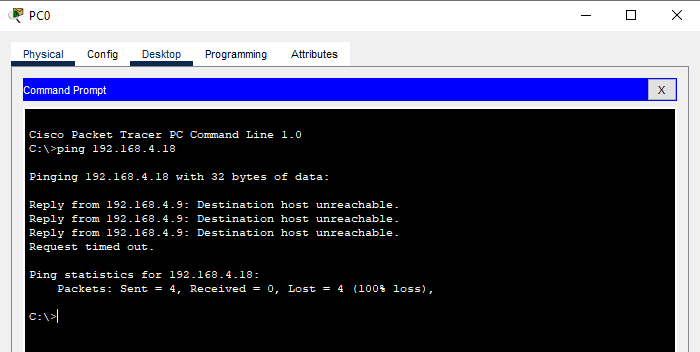


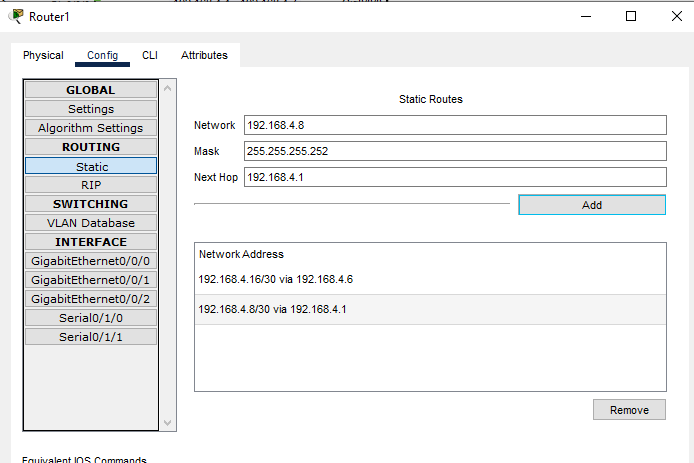


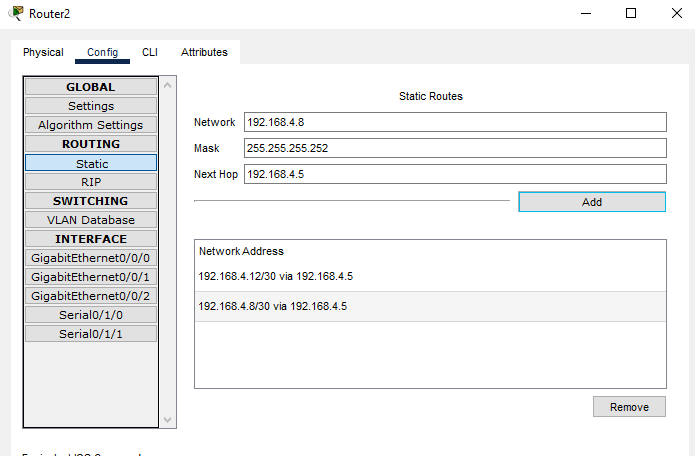


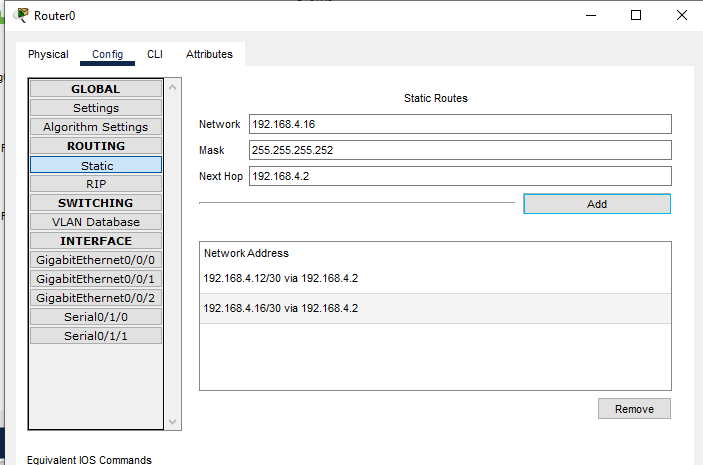


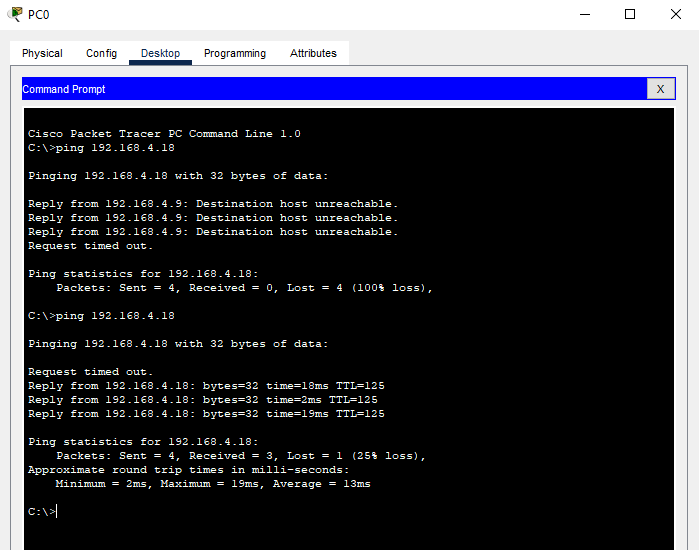


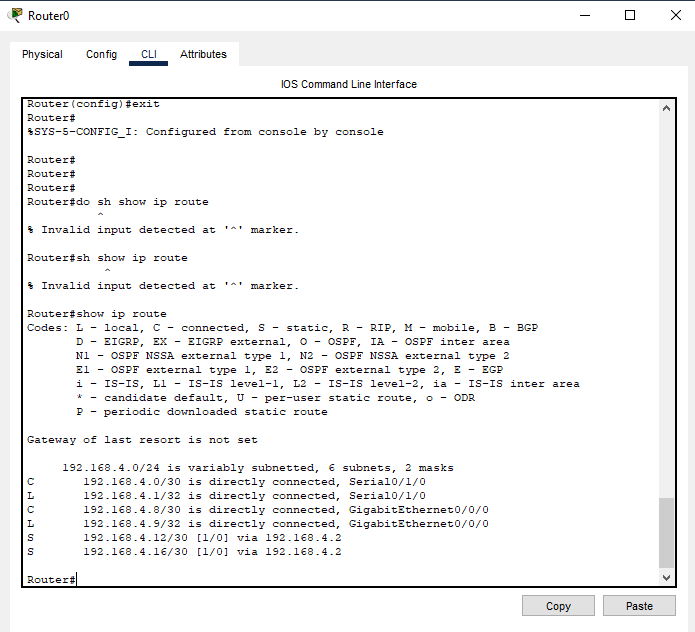












**AD VALUE: 1**

**Task#04:**

Q: In what case we use static routing or dynamic routing given a topological reason for this question.

A: When we know that the topology will remain constant, we use static routing. However, if there is a risk that new equipment may added to the network, we use dynamic routing to prevent the headache of manually implementing new routes in the future.