

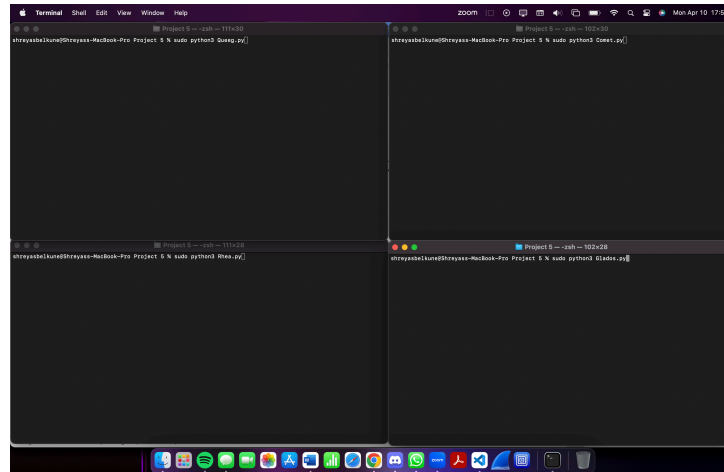
PROJECT 5 – RIP ROUTING PROTOCOL

1. USAGE

To start the for the given Topology -

A. Running it on terminal

- i. Open 4 terminal windows and run the 4 router programs provided.



B. Changing cost of route

- i. To change the route cost on any router, alter line 9 of a particular router code and its directly connected neighbors as well, neighbor list is provided.
- ii. The cost for infinity has been set to 16 according to RFC document, so any change to the routes should not exceed the total cost to or over 16.
- iii. This limitation can be easily removed by setting the infinity indicator higher.

C. Stopping the router

- i. To stop the router, you'll have to manually press control + c twice to shut the code completely, pressing it once would only stop one thread and there are two threads running for listening and sending.

Note that everything explained above is also mentioned step by step in the video.

Video link -

<https://drive.google.com/file/d/1fy4RKnnjpPjbHbRGDzEyb5Wh44Br09Tf/view?usp=sharing>