

Programming Assignment 2

In the second assignment, you are supposed to **synchronize the link state database** when new node joins the network and **find shortest path**.

The TA will ask you to run **attach**, **start** to build different topologies and then run **detect [IP Address]** to output the short path from the router where you run the command to the destination.

The expected format of output is (suppose you are running the command in 192.168.1.2,)

```
192.168.1.2 ->(4) 192.168.1.5 ->(3) 192.168.1.3 ->(2) 192.168.1.6
```