This project is to simulate six routers exchange their distance vector information to create routing and forwarding table. DV information will be sent to immediate neighbors’ router every 5 seconds. After received the DV information. Each router will update their routing and forwarding table by using the distributed Bellman-Ford algorithm. After 60 seconds, the router will forwards data from A to D using routing table with route A,B,F,C,D. 2 minute after the start time, an shut down packet will be sent to C. Routing table will be update again. 

