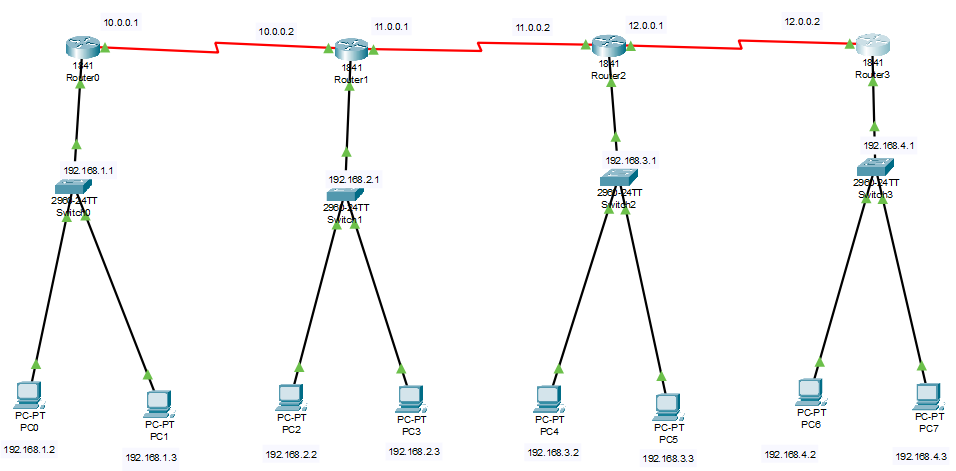
**Lab 6**

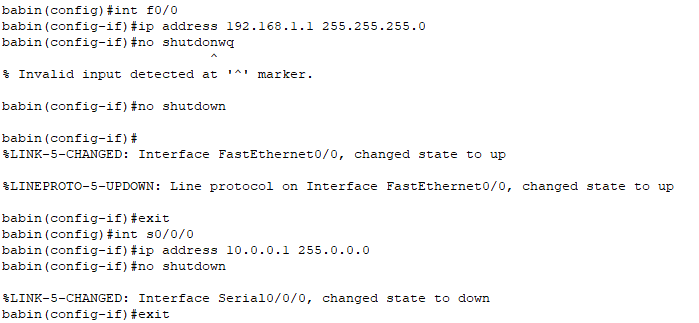
**Static Routing**

[Static routing](https://www.geeksforgeeks.org/difference-between-static-and-dynamic-routing/" \t "https://www.geeksforgeeks.org/types-of-routing/_blank) is also called as “non-adaptive routing”. In this, routing configuration is done manually by the network administrator. Let’s say for example, we have 5 different routes to transmit data from one node to another, so the network administrator will have to manually enter the routing information by assessing all the routes.

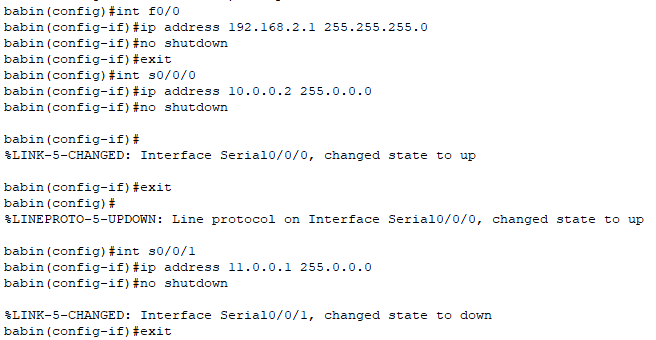


**IP CONFIGS**

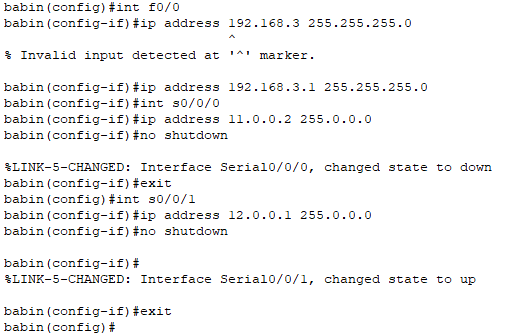
Router 0:



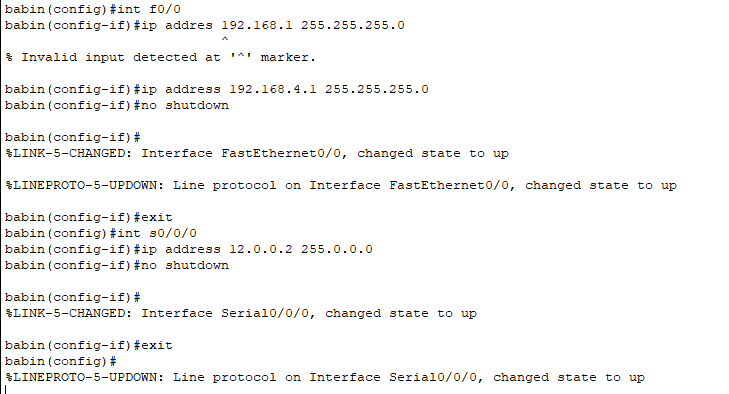
Router 1:



Router 2:

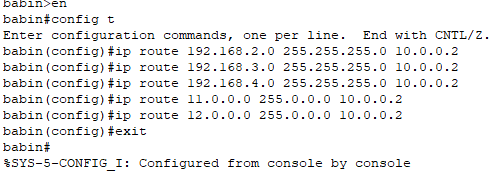


Router 3:

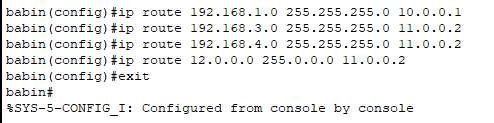


**Now configuring the static routes into the router**

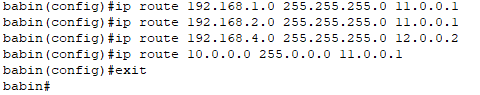
Router 0:



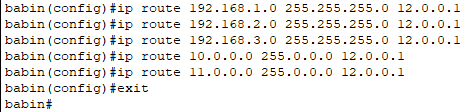
Router 1:



Router 2:



Router 3:



**PING**

