- v) Configure the routers by setting the IP addusses and subnet mask
- vi) for the first router, after setting IP address go to CII and execute:

 #Encapsulation PPP

clock rate 64000

no shutdown

- vii) Repeat the same for all routers.

 For the DTE side router connections,

 donot set the clock rate
- viii) Select the first voiter go to config, rip and add the respective netrooxks that the router must warn about.
- ix) Repeat the same for all souters
- x) fing command is executed from 10.00.1 to 40.0.0.1

Result:

ping 40.0.0.1

Pinging 40.0.0.1 with 32 bytes of data:

Reply from 40.0.0.1: bytes=32 time=11ms TTL=125

Reply from 40.0.0.1: bytes=32 time=2ms TTL=125

Reply from 40.0.0.1: bytes=32 time=10ms TTL=125

Reply from 40.0.0.1: bytes=32 time=10ms TTL=125

Reply from 40.0.0.1: bytes=32 time=11ms TTL=125

Ping statistics for 40.0.0.1:

packets: sent=4, received=4, lost=0

Observation:

RIP is souter information protocol which is a dynamic routing protocol that uses