Commands of Router Configuration

///Adding ip address to the interface

>>no

>>enable

>>configure terminal

>>interface FastEthernet0/0

>>ip address 192.168.1.254 255.255.255.0

>>no shutdown

>>exit

>>interface serial 0/0/0

>>ip address 192.168.2.1 255.255.255.0

>>clock rate 64000

>>bandwidth 64

>>no shutdown

>>exit

>>(config)#copy running-config startup-config / write memory

**/// static routing commands**

>>ip route network\_idsubnet\_maskinterface\_address\_to\_enter\_the\_network

>>ip route 192.168.30.0 255.255.255.0 192.168.2.254

>>ip route 192.168.3.0 255.255.255.0 192.168.3.254

>>ip route 192.168.4.0 255.255.255.0 192.168.4.254

**///dynamic routing (RIP) protocol**

>>enable

>>configure terminal

>>router rip

>>version 2

>>network 192.168.1.0

>>network 192.168.2.0

>>exit

**///dynamic routing (OSPF) protocol**

>>enable

>>configure terminal

>>router ospf 1 //1 is process id. It can be 1 to 65535

>>network 192.168.2.0 0.0.0.255 area 0

>>network 192.168.3.0 0.0.0.255 area 0

>>exit

**///dynamic routing (eigrp) protocol**

>>router eigrp 10

>>network 192.168.2.0 0.0.0.255

>>network 192.168.2.00.0.0.255

>>exit

**///removing network**

>>no ip route ----- for static routing

>>no network 192.168.3.0 ------ for rip

>>no network 192.168.3.0 0.0.0.255 area 0------ forospf

**////Translating “xyz” domain server problem**

>>noip domain lookup