Step 1

For left link activation

Router>en

Router#config t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface gig0/0/0

Router(config-if)#ipv6 address 2001:a::1/64

Router(config-if)#no shut

Step 2

For Top link activation left side

Router>en

Router#config t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface gig0/0/1

Router(config-if)#ipv6 address 2001:c::1/64

Router(config-if)#no shut

Step 3

For Right link activation

Router>en

Router#config t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface gig0/0/1

Router(config-if)#ipv6 address 2001:b::1/64

Router(config-if)#no shut

Step 4

Router(config-if)#interface gig0/0/0

Router(config-if)#ipv6 address 2001:c::2/64

Router(config-if)#no shut

Step 5

Router>en

Router#config t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#ipv6 unicast-routing

Router(config)#ipv6 router rip hassandeep

Router(config-rtr)#interface gig0/0/0

Router(config-if)#ipv6 rip hassandeep enable

Router(config-if)#interface gig0/0/1

Router(config-if)#ipv6 rip hassandeep enable

Step 6

Router>en

Router#config t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#

Router(config)#ipv6 unicast-routing

Router(config)#ipv6 router rip hassandeep

Router(config-rtr)#int gig0/0/1

Router(config-if)#ipv6 rip hassandeep enable

Router(config-if)#int gig0/0/0

Router(config-if)#ipv6 rip hassandeep enable