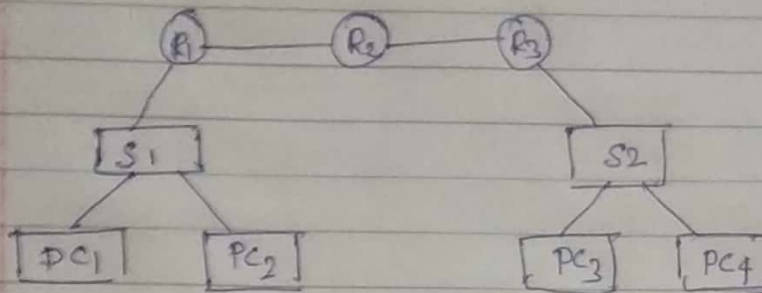Has to configure default route to the routers.

The topology consists of 4 end devices, 2 switches and 3 routers.

PC1 & PC2 are having gateway as 10.0.01 & ip address 10.0.0.10 & 10.0.0.11 respectively.

Similarly PC3 and PC4 are having default gateway address as 40.0.0.1 and ip address 40.0.0.10 and 40.0.0.11 respectively.

Router R2 is configured with static ip routes.
Router R1 & R2 are configured with default route using the command.

ip route 0.0.0.0 0.0.0.0 <next_hop_address>

Outcome :

* When a default route is specified for a router, whenever a packet arrives at the router, irrespective of the destination address of the packet the packet is forwarded to the default hop address [specified in routing table].

* This reduces the overhead of specifying routing address for each network when 3 or more networks are connected in series [through router to router].