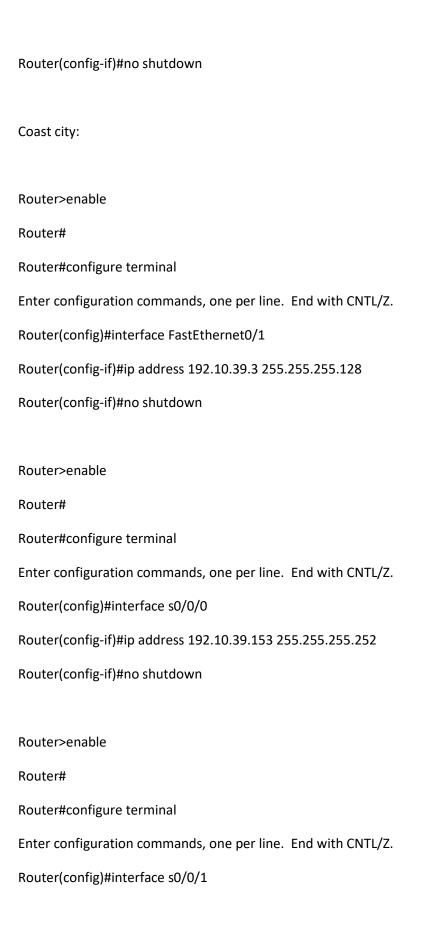
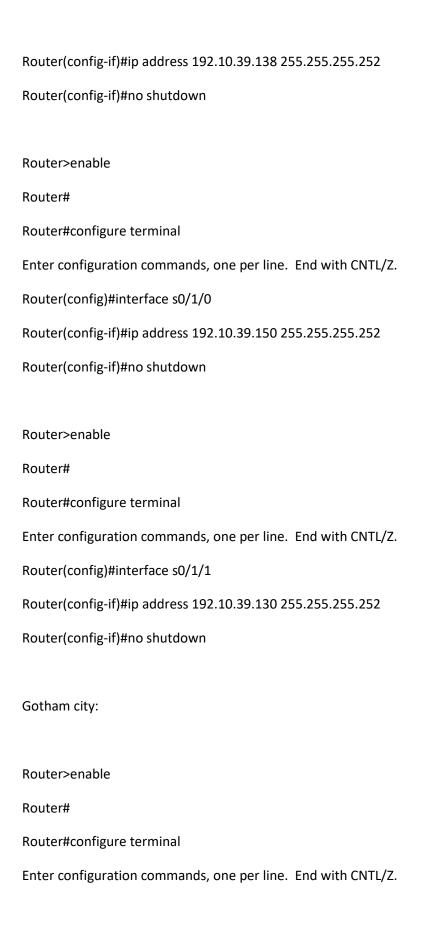
TAsk 1:
star city:
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.10.38.3 255.255.255.0
Router(config-if)#no shutdown
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface s0/0/0
Router(config-if)#ip address 192.10.39.133 255.255.255.252
Router(config-if)#no shutdown
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface s0/1/1
Router(config-if)#ip address 192.10.39.129 255.255.255.252
Router(config-if)#no shutdown

Metropolis city:
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/1
Router(config-if)#ip address 192.10.36.3 255.255.254.0
Router(config-if)#no shutdown
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface s0/0/0
Router(config-if)#ip address 192.10.39.134 255.255.255.252
Router(config-if)#no shutdown
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface s0/0/1
Router(config-if)#ip address 192.10.39.137 255.255.255.252





Router(config)#interface FastEthernet0/1
Router(config-if)#ip address 192.10.32.3 255.255.252.0
Router(config-if)#no shutdown
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface s0/0/1
Router(config-if)#ip address 192.10.39.145 255.255.255.252
Router(config-if)#no shutdown
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface s0/1/0
Router(config-if)#ip address 192.10.39.149 255.255.255.252
Router(config-if)#no shutdown
Amazonia city:
Router>enable
Router#
Router#configure terminal
Nouter#comigure terminal

Router(config)#interface FastEthernet0/1

Router(config-if)#ip address 192.10.24.3 255.255.248.0

Router(config-if)#no shutdown

Router>enable

Router#

Router#configure terminal

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

Router(config)#interface s0/0/0

Router(config-if)#ip address 192.10.39.141 255.255.255.252

Router(config-if)#no shutdown

Router#

Router#configure terminal

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

Router(config)#interface s0/0/1

Router(config-if)#ip address 192.10.39.146 255.255.255.252

Router(config-if)#no shutdown

Router#

Router#configure terminal

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

Router(config)#interface s0/1/0

Router(config-if)#ip address 192.10.39.154 255.255.255.252

Router(config-if)#no shutdown

Atlantis city:

Router#

Router#configure terminal

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

Router(config)#interface FastEthernet0/1

Router(config-if)#ip address 192.10.8.3 255.255.240.0

Router(config-if)#no shutdown

Router#

Router#configure terminal

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

Router(config)#interface s0/0/0

Router(config-if)#ip address 192.10.39.142 255.255.255.252

Router(config-if)#no shutdown

Task 2:

Router(config)#ip route 192.10.36.0 255.255.254.0 192.10.39.134

Router(config)#ip route 192.10.38.0 255.255.255.0 192.10.39.133

Router(config)#ip route 192.10.39.0 255.255.255.128 192.10.39.138

Router(config)#ip route 192.10.36.0 255.255.254.0 192.10.39.137

Router(config)#ip route 192.10.39.0 255.255.255.128 192.10.39.130

Router(config)#ip route 192.10.38.0 255.255.255.0 192.10.39.129

Task 3:
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#version 2
Router(config-router)#no auto-summary
Router(config-router)#network 192.10.8.0
Router(config-router)#network 192.10.39.140
Router(config-router)#network 192.10.24.0
Router(config-router)#do wr
Building configuration
[OK]
Router(config-router)#
Router>enable
Router#
Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#version 2
Router(config-router)#no auto-summary
Router(config-router)#network 192.10.8.0
Router(config-router)#network 192.10.39.140
Router(config-router)#network 192.10.24.0
Router(config-router)#do wr
Building configuration
[OK]
Router(config-router)#
Task 4:
Task 4:  Router>enable
Router>enable
Router>enable Router#
Router>enable  Router#  Router#configure terminal
Router>enable  Router#  Router#configure terminal  Enter configuration commands, one per line. End with CNTL/Z.
Router>enable  Router#  Router#configure terminal  Enter configuration commands, one per line. End with CNTL/Z.  Router(config)#
Router>enable  Router#  Router#configure terminal  Enter configuration commands, one per line. End with CNTL/Z.  Router(config)#
Router* Router# Router#configure terminal Enter configuration commands, one per line. End with CNTL/Z. Router(config)# Router(config)#ip route 192.10.36.0 255.255.254.0 192.10.39.150
Router# Router#configure terminal Enter configuration commands, one per line. End with CNTL/Z. Router(config)# Router(config)#ip route 192.10.36.0 255.255.254.0 192.10.39.150  Router>enable

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

Router(config)#

Router(config)#ip route 192.10.32.0 255.255.252.0 192.10.39.138

Router(config)#ip route 192.10.38.0 255.255.255.0 192.10.39.150

Router(config)#ip route 192.10.32.0 255.255.252.0 192.10.39.130

Router(config)#ip route 192.10.8.0 255.255.240.0 192.10.39.146

Router(config)#ip route 192.10.32.0 255.255.252.0 192.10.39.141

Task 5:

Router(config)#interface Serial0/0/0

Router(config-if)#ip address 192.10.39.153 255.255.255.252

Router(config-if)#ip address 192.10.39.153 255.255.255.252

Router(config-if)#ip address 192.10.39.153 255.255.255.252

Router(config-if)#no shutdown

Router(config)#interface Serial0/1/0

Router(config-if)#ip address 192.10.39.154 255.255.255.252

Router(config-if)#ip address 192.10.39.154 255.255.255.252

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface SerialO/1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up

## Task 7:

ip route 0.0.0.0 0.0.0.0 se0/0/0

ip route 0.0.0.0 0.0.0.0 se0/0/1

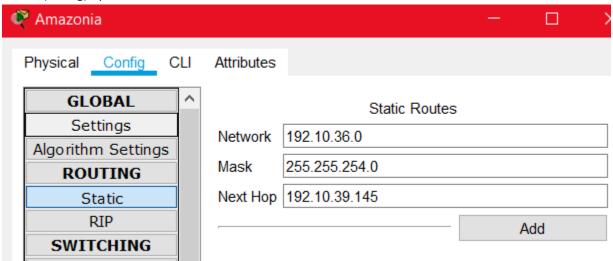
ip route 0.0.0.0 0.0.0.0 se0/1/0

ip route 0.0.0.0 0.0.0.0 se0/0/1

ip route 0.0.0.0 0.0.0.0 se0/1/1

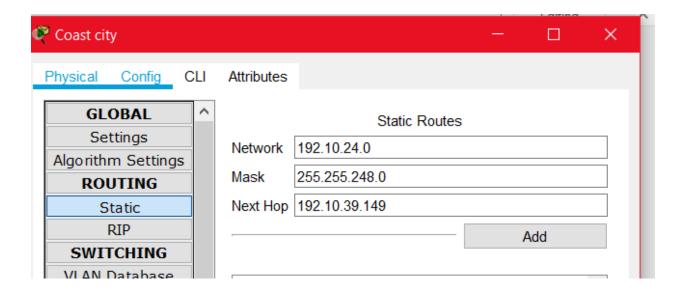
## Router(config)#

Router(config)#ip route 192.10.39.0 255.255.255.128 192.10.39.145



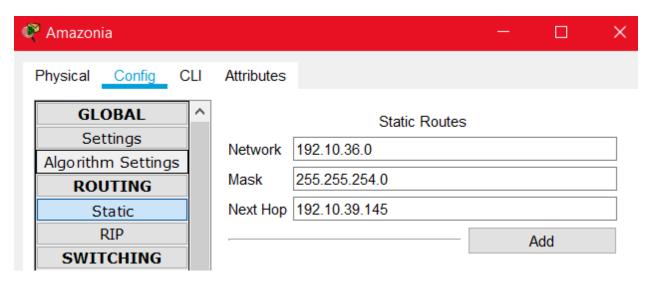
Router(config)#

Router(config)#ip route 192.10.24.0 255.255.248.0 192.10.39.149

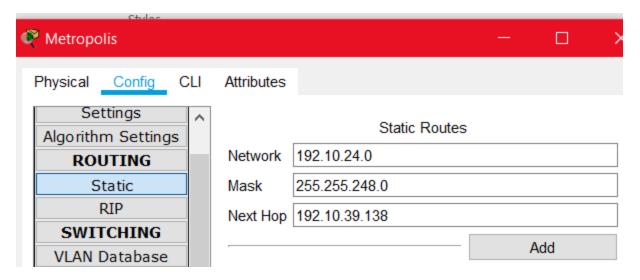


## Router(config)#

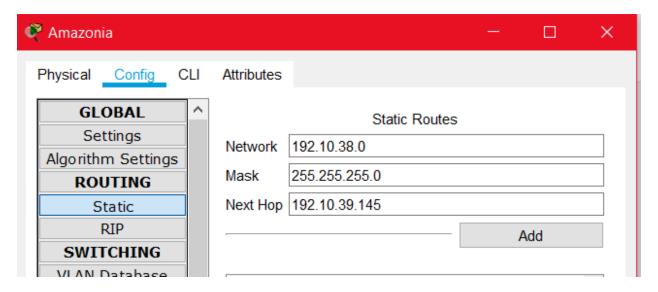
Router(config)#ip route 192.10.36.0 255.255.254.0 192.10.39.145



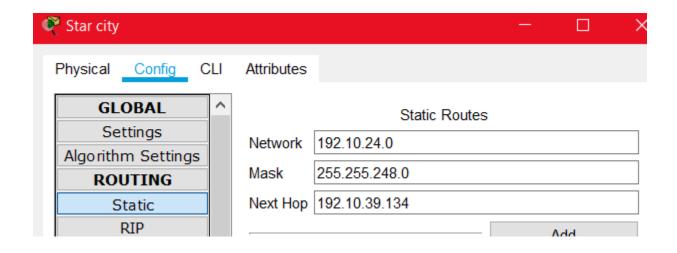
Router(config)#ip route 192.10.24.0 255.255.248.0 192.10.39.138



Router(config)#ip route 192.10.38.0 255.255.255.0 192.10.39.145



Router(config)# Router(config)#ip route 192.10.24.0 255.255.248.0 192.10.39.134



Backup ROUTE AMAZONIA TO COAST CITY

Router(config)#ip route 192.10.39.0 255.255.255.128 192.10.39.153 11

**COAST CITY TO AMAZONIA** 

Router(config)#ip route 192.10.24.0 255.255.248.0 192.10.39.154 11

Backup route from Amazonia to Metropolis

Router(config)#ip route 192.10.36.0 255.255.255.128 192.10.39.153 12

Backup route from Metropolis to Amazonia

Router(config)#ip route 192.10.24.0 255.255.248.0 192.10.39.138 12

Backup Route from Star City to Amazonia

Router(config)#ip route 192.10.24.0 255.255.248.0 192.10.39.130 13

Backup Route from Amazonia to Star City

Router(config)#ip route 192.10.38.0 255.255.255.0 192.10.39.153 13

Atlantis to Coast City Static Route

Router(config)#ip route 192.10.39.0 255.255.255.128 192.10.39.141

Coast city to atlantis static routing

Atlantis and Coast City Floating Static Route-

Router(config)#ip route 192.10.39.0 255.255.255.128 192.10.39.141 15

Coast City to Atlantis Floating Static Route-

Router(config)#ip route 192.10.8.0 255.255.248.0 192.10.39.149 15

Atlantis and Metropolis Floating static route

Router(config)#ip route 192.0.36.0 255.255.254.0 192.10.39.141 Metropolis to Atlantis Floating Static Route Router(config)#ip route 192.10.8.0 255.255.248.0 192.10.39.138 Atlantis to Star city

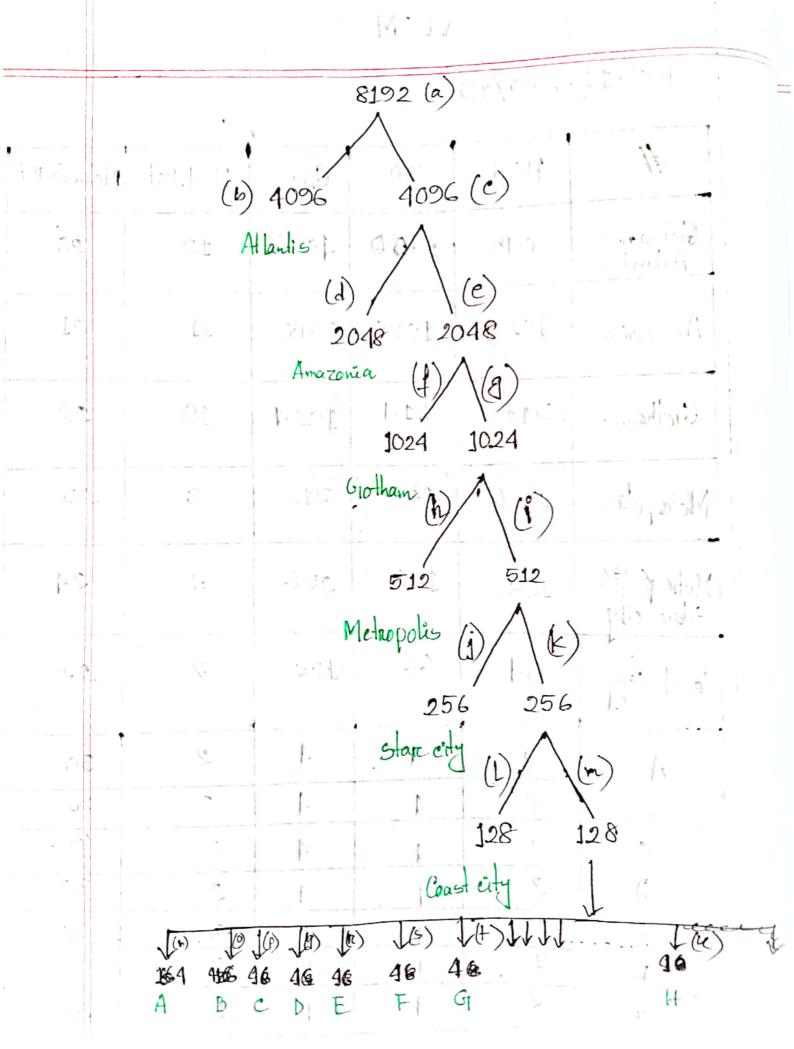
Router(config)#ip route  $192.10.38.0\ 255.255.255.0\ 192.10.39.141\ 17$  Star City to Atlantis

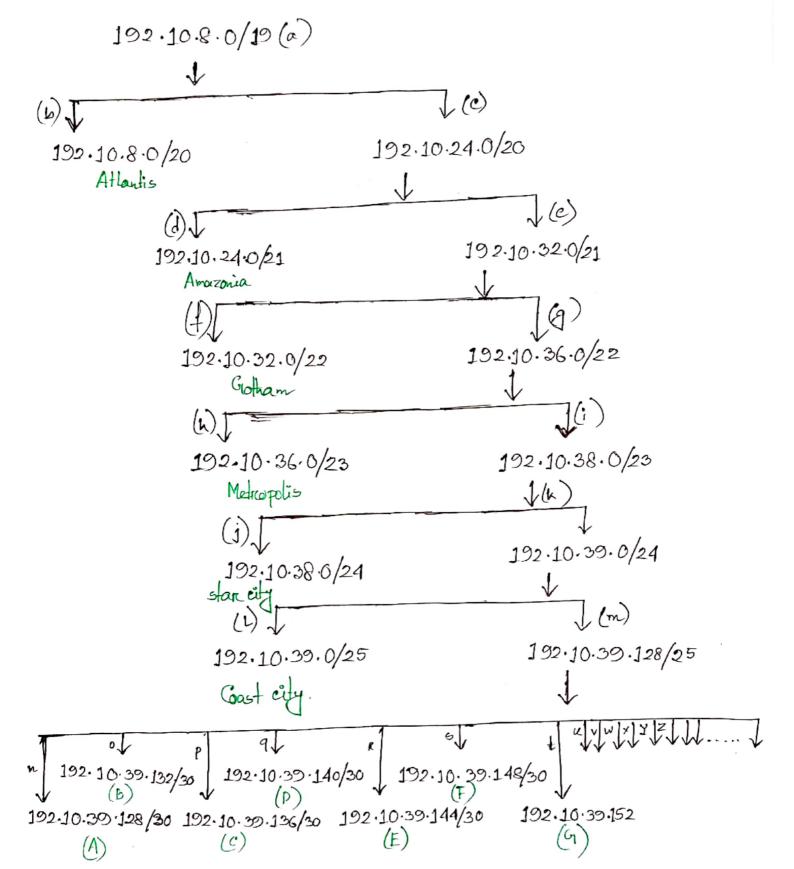
Router(config)#ip route 192.10.8.0 255.255.248.0 192.10.39.134 17

VLSM

192.10.8.0/19

#	HOST.	TP	Give	. Host Bot	Network Bit	
Giotham Atlantis	2048	2050	4096	12	20	
Amoczonia	1024	1026	2048		21	
Grotham.	512	514	1024	10	22	
Metropolis	256	258	512	9	23	
Marker eles	128	130	256	8	24	
Coast City	64	66	128	7	25	
A (~)	2.1	4	4	2	30	
В	2 \	4	4	2	30	
28.5	2 81	4	4	2	30	
D	2	⊌ <b>∂</b> 4	4	2	30	
ME	2	41	4	2	30	
F	2	1 4	4	2	30	
G	2	4	4	2	30	





## Ip Address Table

Device	port	Ip address	Subnet mask	Default Grateway
Starcit	4 Fa0/0	192.10.38.3	255.255.255.0	
	se 0/0/	0 192 · 10 · 39 · 133	255. 255. 255. 26	2
	se 0/1/	00	255.256.255.252	
Metropal		192.10.36.3	255. 255. 254.0	
1 Elle fra	50/0/0	192.10.39.134	255. 255. 255. 252	
	se0/0/1	192.10.39.137	255.255.255.252	
Coast city		192.10.39.3 192.10.39.153 192.10.39.138	255. 255. 255.128 255. 255. 256. 252 255. 255. 256. 252	
	se0/1/0	20.150	255.255.255.252	
	se 0/1/1	192.10.39.130	255.255.256.252	
Gotham	Fa 0/1	192.10.32.3	255.255.252.0	
OCOGRACIA	se 0/0/1	192.10.39.145	255.255.255.252	
	50/1/0	192.10.39.149	255.255.255.252	
Amazonia	Fa 0/1	192.10.24.3	255.255.248.0	
	50/0/0	192.10.39.141	255, 255, 255, 252	
	560/0/1	192.10.39.146	255.255.255.252	
Atlantis	Fa0/0	192.10.8.3	255.255.255.252 255.255.240.0	
111001111	50/0/0	192.10.39.142	255.255.255.252	<b>V</b>
PCO	, , ,	192.10.38.1	255.255.255.0	192.10.38.3
PCI		192.10.38.2	255.255.255.0	192.10.38.3
Pc <sub>2</sub>		192.10.39.1	255.255. 255.128	92.10.39.3
PC3		192.10.39.2		92.10.39.3
PC4		192.10.36.1		92.10.36.3
Pc <sub>5</sub>		192.10.36.2	255.255.254.0	12.10.36.3
PCG		192.10.24.1	255. 255. 248.0 19 255.255.248.0 19	92.10.24.3
PC 7		192 · 10 · 24 · 2 192 · 10 · 8 · 1	255, 255, 240.0	92.10.8.3
PC 8 PC 9		192.10.8.2	255.255.240.0	92.10.8.3
PC 10		192.10.32.1	250.255.252.0	92.10.32.3
PCII		192.10.32.2	255.255.252.0 1	92.10.32.3