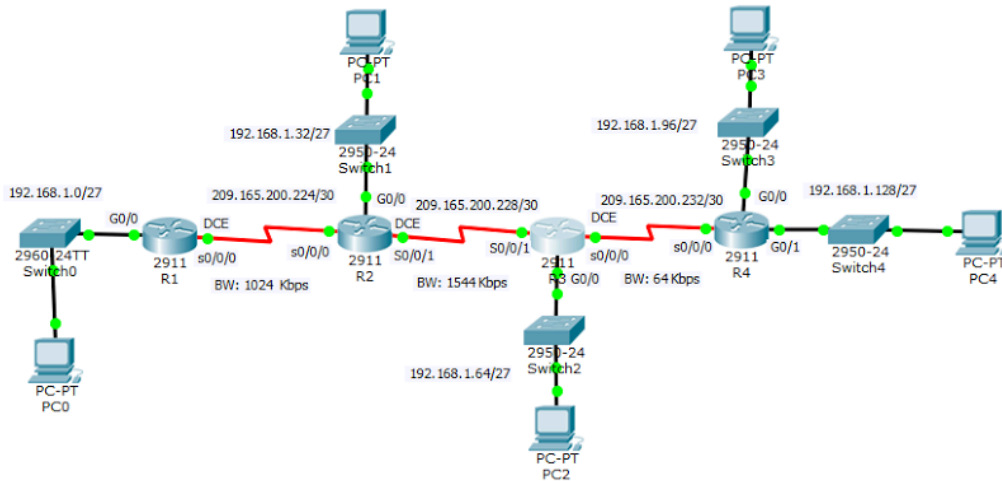


306NET
Assignment #4
1st semester 1439-1440

For the following network



Address Table

Device	Interface	IP address	Subnet mask	Default Gateway
R1	G0/0	192.168.1.1	255.255.255.224	N/A
	S0/0/0	209.165.200.225	255.255.255.252	N/A
R2	G0/0	192.168.1.33	255.255.255.224	N/A
	S0/0/0	209.165.200.226	255.255.255.252	N/A
	S0/0/1	209.165.200.229	255.255.255.252	N/A
R3	G0/0	192.168.1.65	255.255.255.224	N/A
	S0/0/0	209.165.200.233	255.255.255.252	N/A
	S0/0/1	209.165.200.230	255.255.255.252	N/A
R4	G0/0	192.168.1.97	255.255.255.224	N/A
	G0/1	192.168.1.129	255.255.255.224	N/A
	S0/0/0	209.165.200.234	255.255.255.252	N/A
	Lo0	4.4.4.4	255.255.255.255	N/A
PC0		192.168.1.10	255.255.255.224	192.168.1.1
PC1		192.168.1.62	255.255.255.224	192.168.1.33
PC2		192.168.1.94	255.255.255.224	192.168.1.65
PC3		192.168.1.126	255.255.255.224	192.168.1.97
PC3		192.168.1.158	255.255.255.224	192.168.1.129

- Configure the ospf routing protocol
- The process id is 100 in all routers
- The routers' ids
R1: 1.1.1.1 R2: 2.2.2.2 R3: 3.3.3.3 R4: Lo0 interface (configure it)
- On R1, and R4 enable the ospf by using the network addresses

- On R2, and R3 enable the ospf by using the interface ip addresses
- Configure the LAN ports as a passive interfaces.
- Adjust the Reference Bandwidth to 10000
- Adjust the Interfaces Bandwidth to as shown in the figure