Group 4

Location	London (1287)	Manchester (534)	Birmingham (863)	Leeds (642)	Bristol (219)	Glasgow (655)
London	0					
Manchester	335	0				
Birmingham	205	140	0			
Leeds	315	75	170	0		
Bristol	190	260	160	330	0	
Glasgow	665	345	410	345	510	0

*The numbers in brackets () specify the maximum capacity of the branch and the values in the table specifies the distance (in kilometers) between branches. *

While creating the network infrastructure there are certain restrictions and rules that you need to follow:

- Choose an appropriate network address and create subnets to assign to each of the branches with the least amount of waste.
- Establish connections among all the branches with the shortest route possible
    - Must have at least one floating route.

- Showing 2 end devices per network is good enough to represent the whole population
- You need to be able to ping each branch from another after all the setups are complete

Deliverables:

- The network mentioned above should be implemented in packet tracer, with necessary devices and full configuration.
- After completion you should be able to test the conditions imposed.
- You will have to submit the followings:
    - Network topology diagram with proper labels
    - The configuration commands of all the routers that you have implemented.
    - VLSM tree
    - IP address table