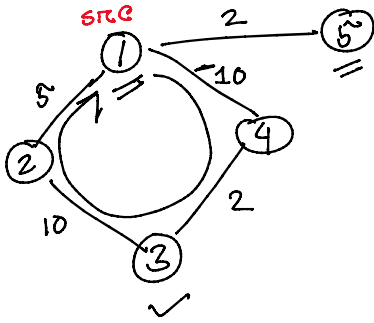


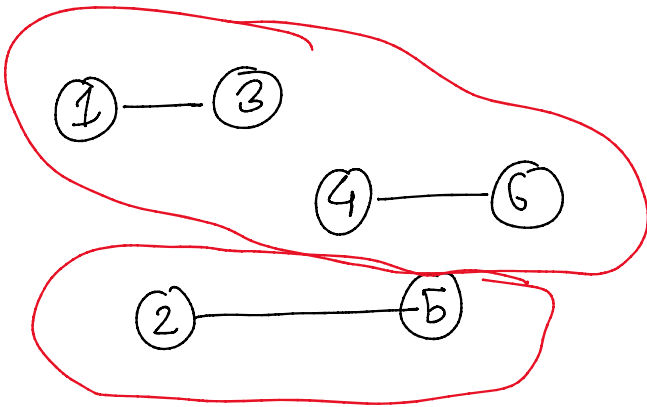
u=1



PQ ← { }

$$(V + E) \log V$$

dist → 1 2 3 4 5
0 5 12 10 2



M = 1

7 | 2
3.5

4 | 3
1.33

5 | 2
2.5

$$7 + 5 + 1.33 \approx 13.33$$