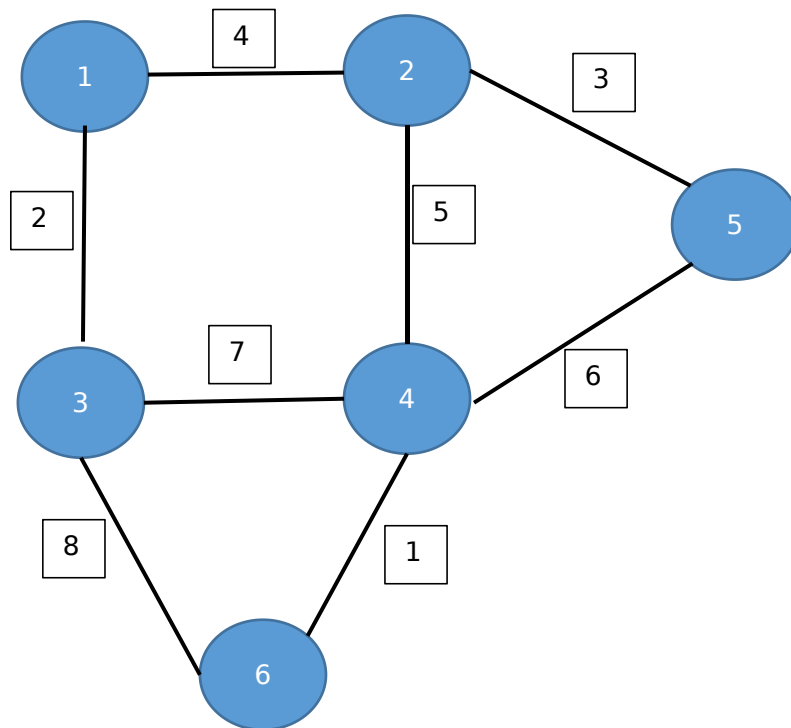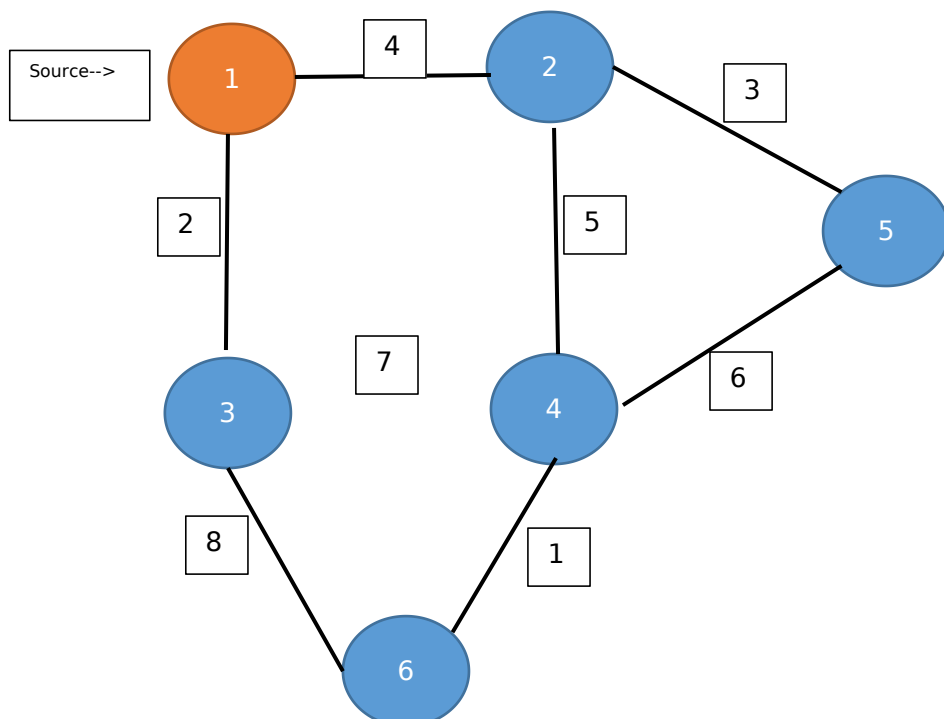# Dijkstra's Algorithm

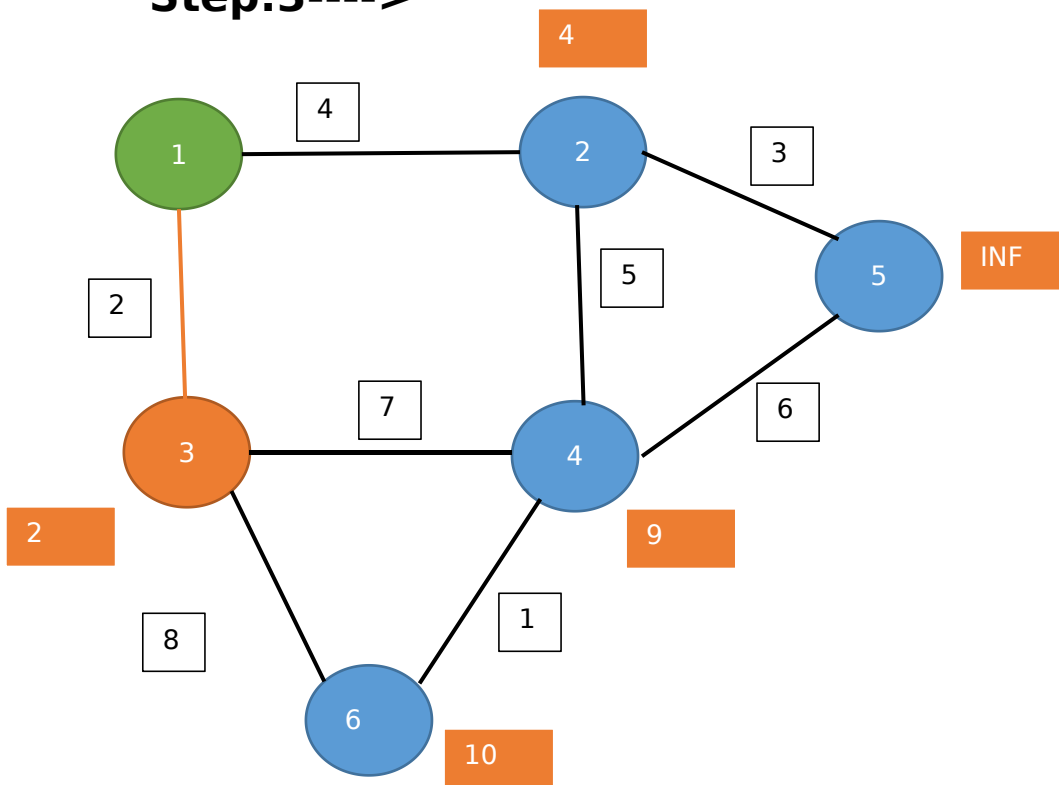**Graph:**

Step:1----> Select Source
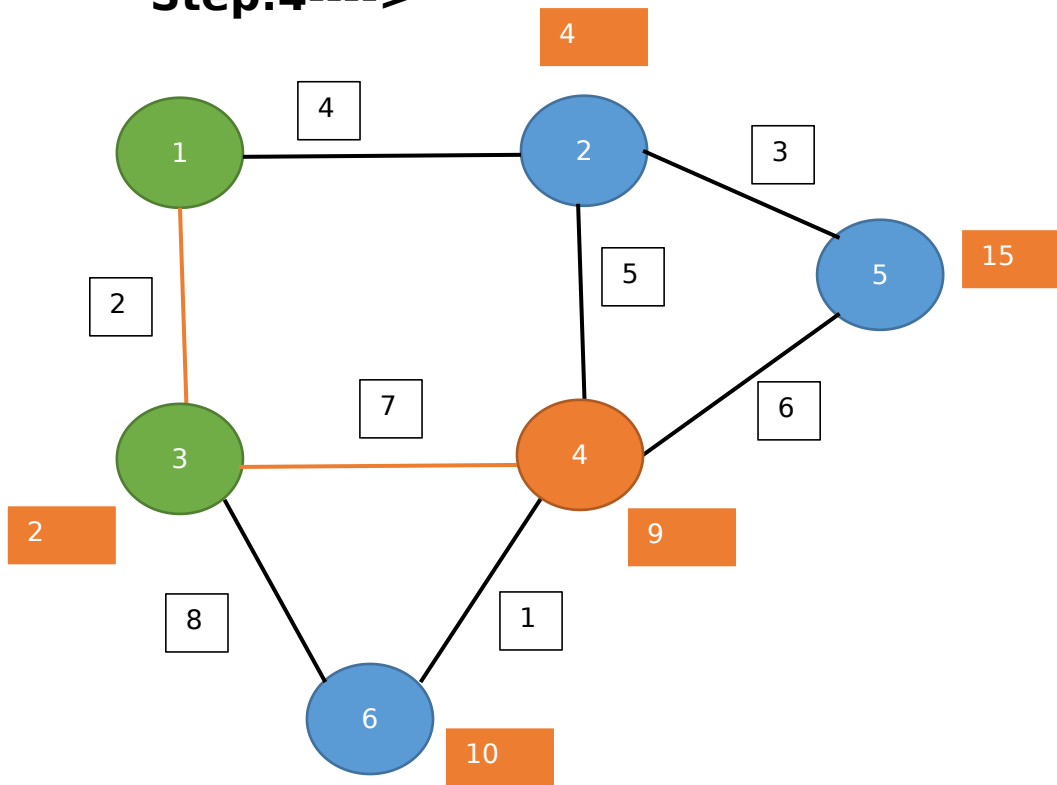
Step:2---->

Source-->

1 — 4 — 2 — 3 — 5

4

2

INF
--

7

2 — 3 — 7 — 4 — 6 — INF

8 — 1

6

INF

Step:3---->

1 — 4 — 2 — 3 — 5

4

2

INF

5

2 — 3 — 7 — 4 — 6

9

8 — 1

6

10

Step:4---->

Step:5---->