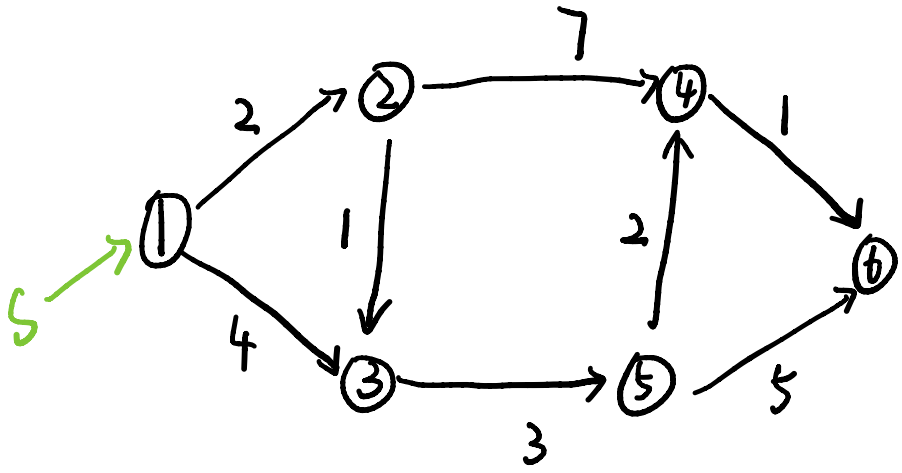
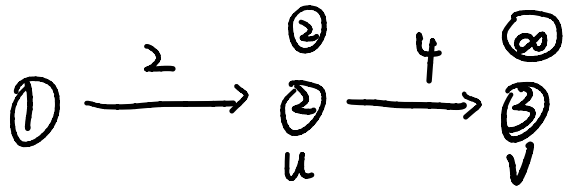
Dijkstra Algorithm





if (d[u] + c(u,v) < d[v])

d[v] = d[u] + c(u,v)

v	d[v]
2	2
3	3
4	8
5	6
6	9

Time: $O(|V|^2)$ or $O(n^2)$