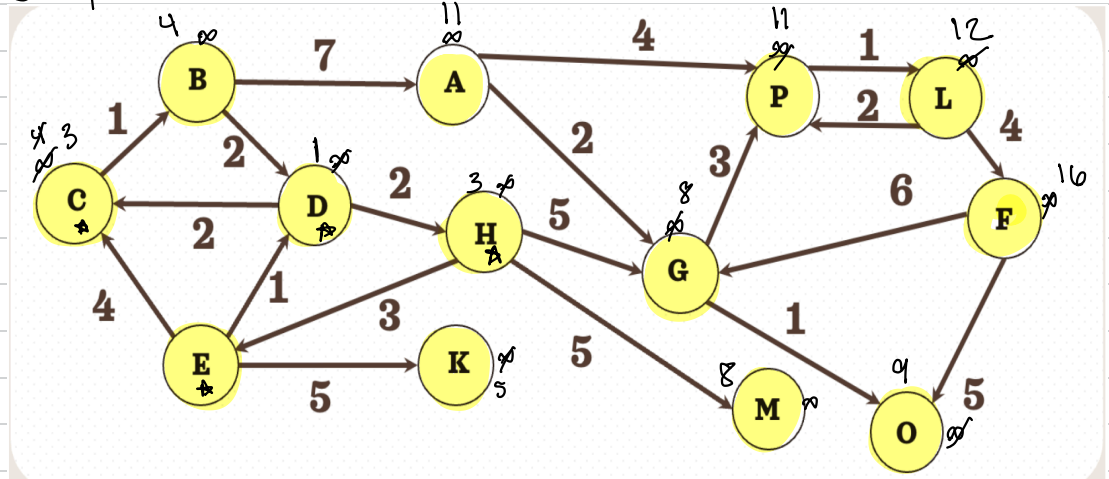# Graph

1)

Visited = {E, D, C, H, B, K, M, G, O, A, P, L, F}

Visited: [E]
update cost to G, D, K
Visited: [E, D]
update cost to C, H
visited: [E, D, C]
update cost to B
Visited: [E, D, C, H]
update cost to G, M
visited: [E, D, C, H, B]
update A
visited: [E, D, C, H, K]
no update
visited: [E, D, C, H, K, M]
update nothing
visited: [E, D, C, H, K, M, G]
update O, P

visited: [E, D, C, H, B, K, M, G, O]
update nothing
visited: [E, D, C, H, B, K, M, G, O, P]
update L
visited: [E, D, C, H, B, K, M, G, O, A, P, L]
update F
visited [E, D, C, H, B, K, M, G, O, A, P, L, F]