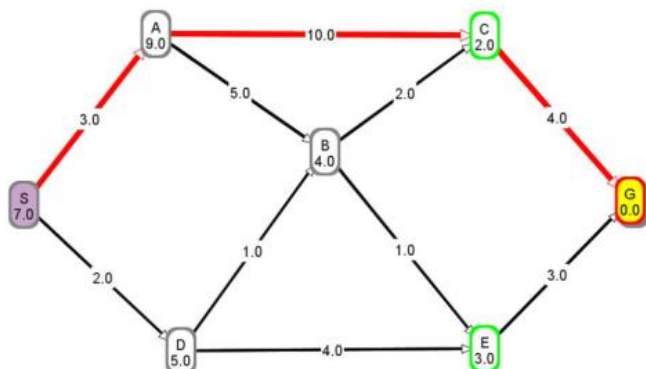


BFS**CURRENT PATH:**

S → A → C → G (Goal)

Path to last Goal Node: S → A → C → G (Goal) Cost: 17.0

Nodes expanded: 10

NEW FRONTIER:

Node: C Path Cost: 5.0

Node: E Path Cost: 4.0

h(C): 2.0

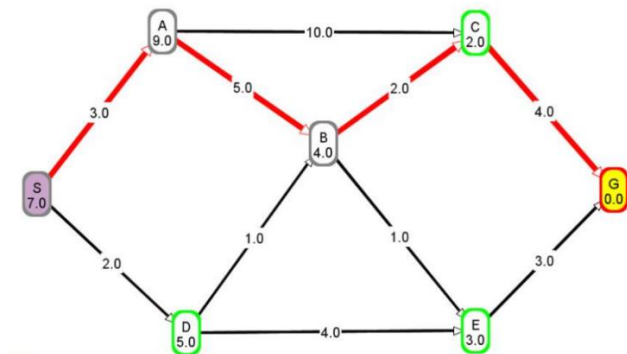
f-value: 7.0

Path: S → D → B → C

h(E): 3.0

f-value: 7.0

Path: S → D → B → E

DFS**Algorithm Selected: Depth First**

Path to last Goal Node: S → A → B → E → G (Goal) Cost: 14.0

Nodes expanded: 5

NEW FRONTIER:

Node: E Path Cost: 9.0

Node: C Path Cost: 13.0

Node: D Path Cost: 2.0

h(E): 3.0

f-value: 12.0

Path: S → A → B → E

h(C): 2.0

f-value: 15.0

Path: S → A → C

h(D): 5.0

f-value: 7.0

Path: S → D