Algo ... = ...

S = ... d[v] = ∞ ∀v ∈ V - {s}

Q = {A, B, C, D, E, F, G, H, I, L, K, M}

d[I] = 0

parent(I) = NIL

Q = {I, A, B, C, D, E, F, G, H, I, L, K, }

U = I

U = L

U = M

U = B

parent(G) ← I

d(G) ← 20

Q = {I, G, A . . . }

Q = {C, F, A, G . . . }

Q = {C, E, F, A, G . . . }

Q = {C, E, F, D, G . . . }

d(A) ← 10

Q = {I, G, A . . . }

V = C

Q = {E, F, D, G . . . }

d(L) ← 5

V = C

Q = {F, D, A, G . . . }

Q = {I, L, A, G . . . }

U = f

Q = {F, D, G, A . . . }

Q = {L, A, G . . . }

Q = {H, D, G, A . . . }

d(M) ← 4

U = h

Q = {M, D, G, A . . . }

Q = {M, D, G, A, . . }

Q = {M, A, G . . . }

Q = {D, A, A, J}

d(B) ← 4

U = d

Q = {C, A, J}

Q = {M, B, A, G . . . }

Q = {G, A, J, K}

d(A) = 8

U = j

Q = {A, J, K}

d(E) = 4

Q = {J, A, K}

d(F) = 5

U = J

Q = {A, K}

Q = {B, E, F, A, G . . . }

U = e

Q = {K}

d(C) = 3

a(k) = 10

U = k

d(D) = 6

d(G) = 6   d(J) = 4

STOP

d(H) = 2   d(G) = 5