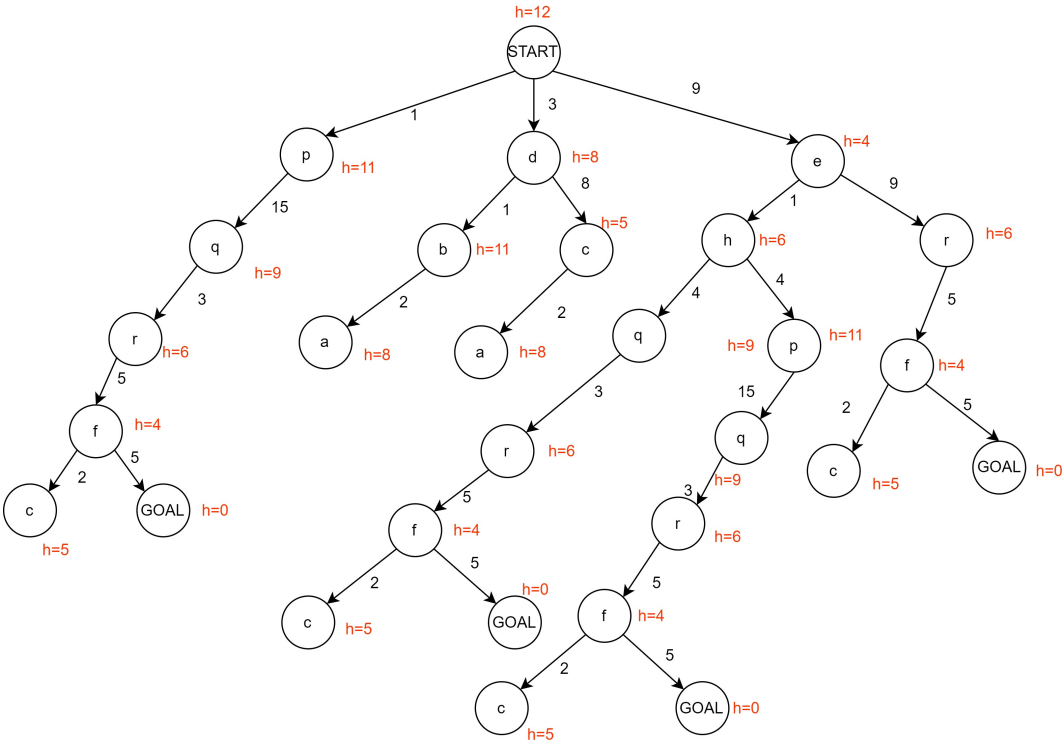


PR-2-Best First Search

63102105112 Akkarapon Phikulsri



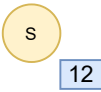
1

initial step

Visited :

Best First Search

Q : (12, S)



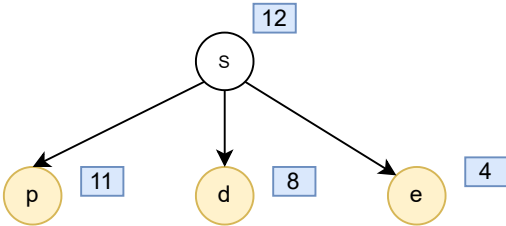
2

repeating step

Visited : S

Best First Search

Q : (11, p, S), (8, d, S), (4, e, S)



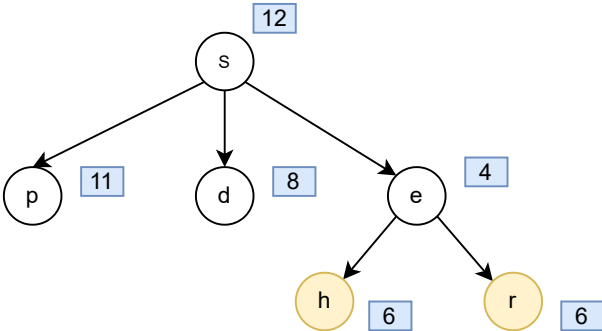
3

repeating step

Visited : S, e

Best First Search

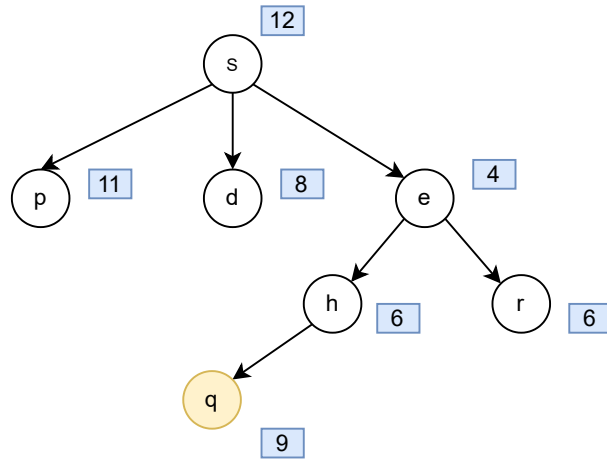
Q : (6, h, e, S), (6, r, e, S), (11, p, S), (8, d, S)



4 repeating step

Visited : S, e, h

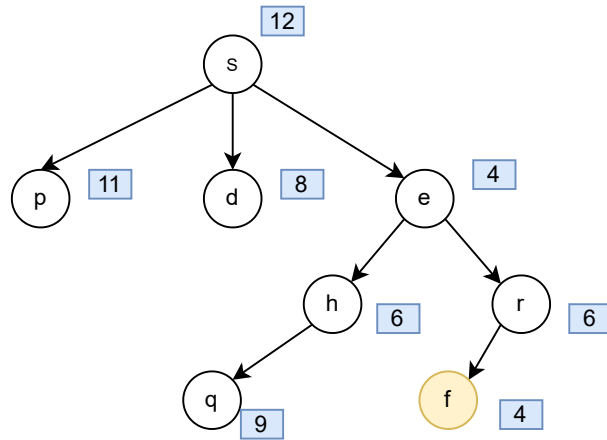
Q : (6, r, e, S), (11, p, S), (8, d, S), (9, q, h, e, S)



5 repeating step

Visited : S, e, h, r

Q : (11, p, S), (8, d, S), (9, q, h, e, S), (4, f, r, e, S)

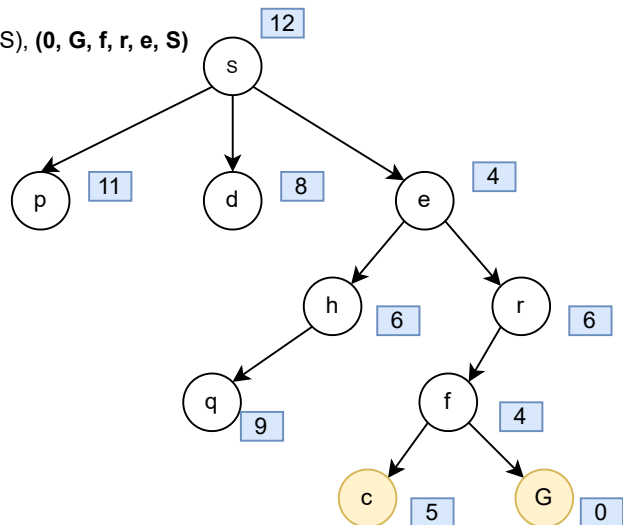


6

6 repeating step

Visited : S, e, h, r, f, c, G

Q : (11, p, S), (8, d, S), (9, q, h, e, S), (5, c, f, r, e, S), (0, G, f, r, e, S)



	Q	visited
1	(12, S)	
2	(11, p, S), (8, d, S), (4, e, S)	S
3	(6, h, e, S), (6, r, e, S), (11, p, S), (8, d, S)	S, e
4	(6, r, e, S), (11, p, S), (8, d, S), (9, q, h, e, S)	S, e, h
5	(11, p, S), (8, d, S), (9, q, h, e, S), (4, f, r, e, S)	S, e, h, r
6	(11, p, S), (8, d, S), (9, q, h, e, S), (5, c, f, r, e, S), (0, G, f, r, e, S)	S, e, h, r, f, c, G
	(0, G, f, r, e, S)	S, e, h, r, f, c, G