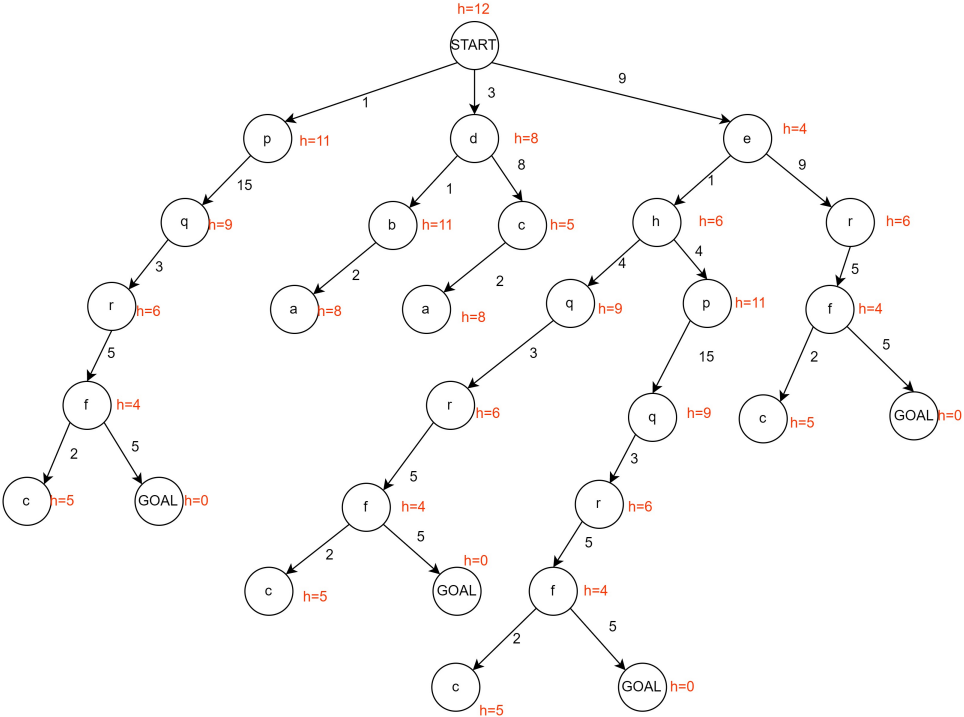


PR-2-Depth First Search

63102105112 Akkarapon Phikulsri



1 initial step

exploring status

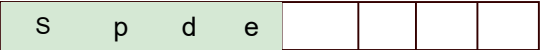


D=0

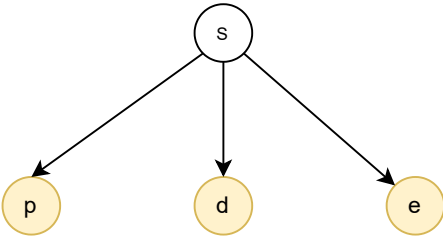


2 repeating step

exploring status

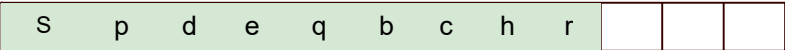


D=1

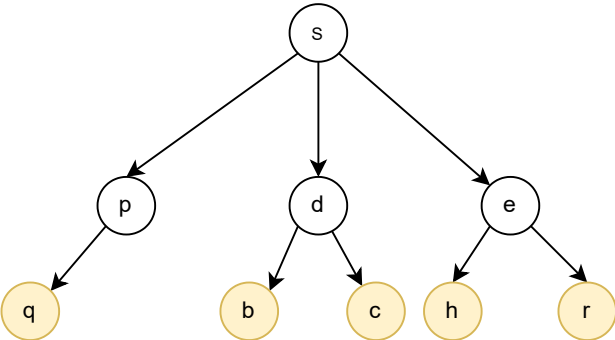


3 repeating step

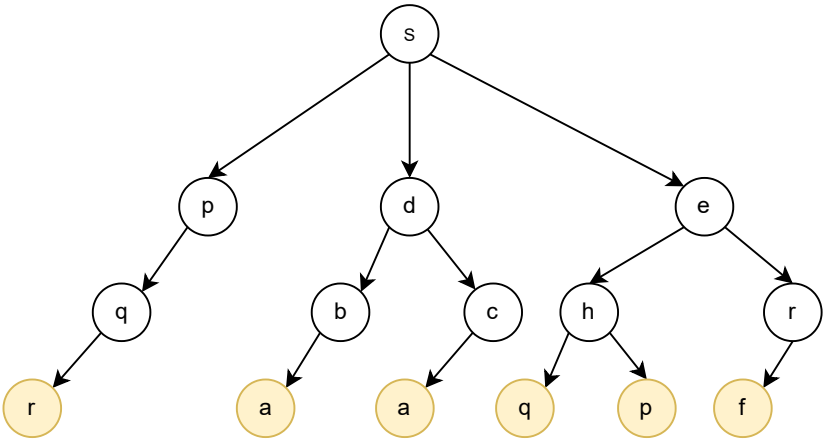
exploring status



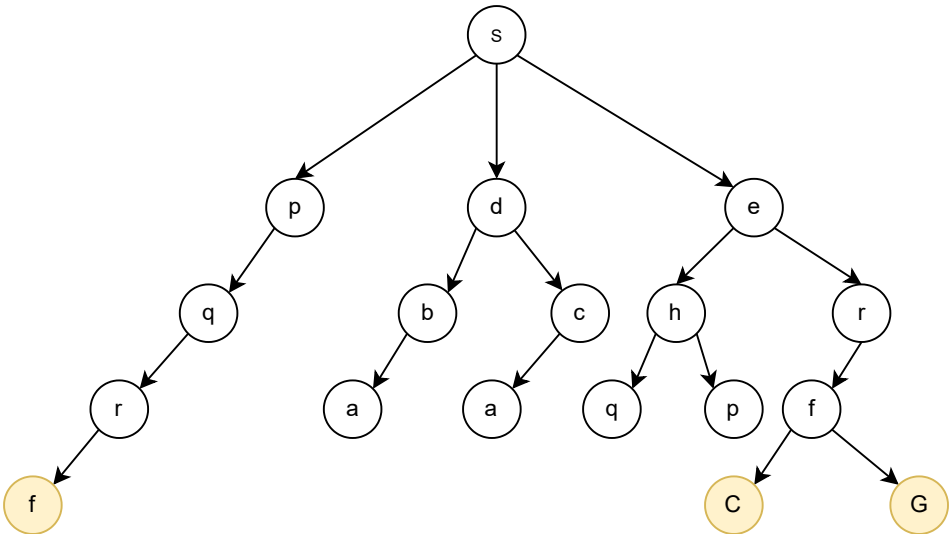
D=2



D=3



D=4



depth	Q	Explored
0	S	S
1	(e, S), (d, S), (p, S) (S)	S, p, d, e
2	(f, e, S), (h, e, S), (c, d, S), (b, d, S), (q, p, S)	S, p, d, e, q, b, c, h, r
3	(f, r, e, S),(p, h, e, S), (q, h, e, S), (a, b, d, S),(r, q, p, S)	S, p, d, e, q, b, c, h, r, f
4	(G, f, r, e, S),(c, f, r, q, p, S), (q, h, e, S),	S, p, d, e, q, b, c, h, r, f
	(G, f, r, e, S)	S, p, d, e, q, b, c, h, r, f