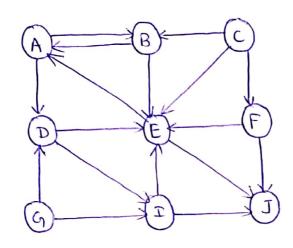
## ASSIGNMENT-2

For the given below 2 graphs, Show the DFS as well as BFS traversal. Show the Stack and greene contents obtaining during braversal, Also, draw the output graphs.

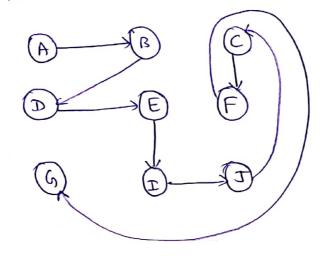


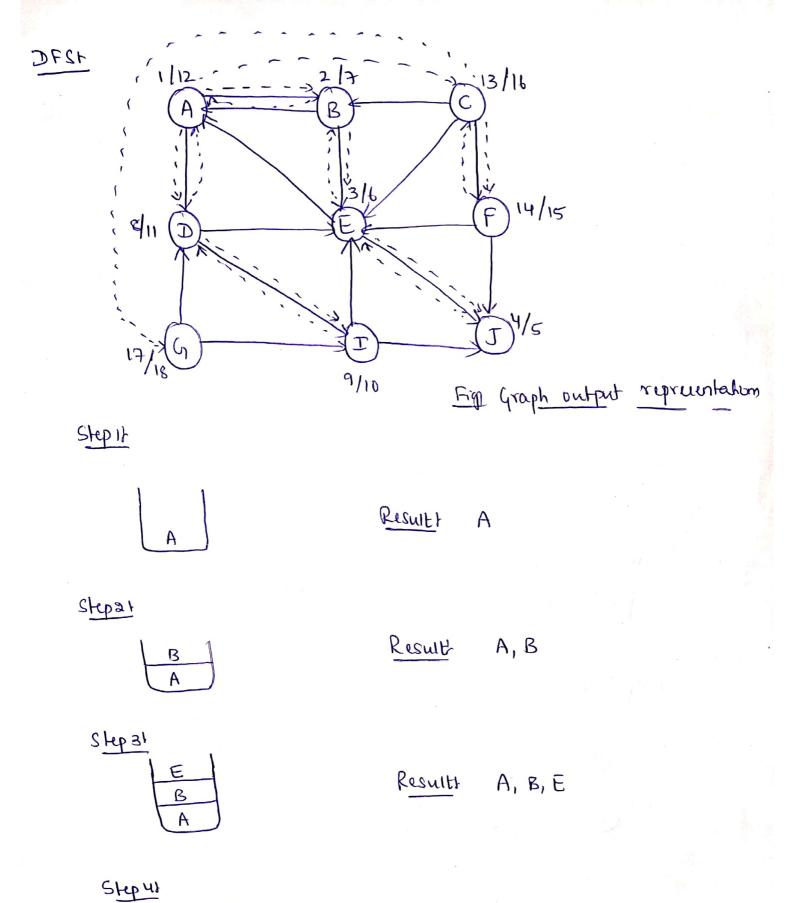
BFSL

Quent

7	A	B	D	E	$\mathcal{I}$	7	c	F	4	
	,, 1									

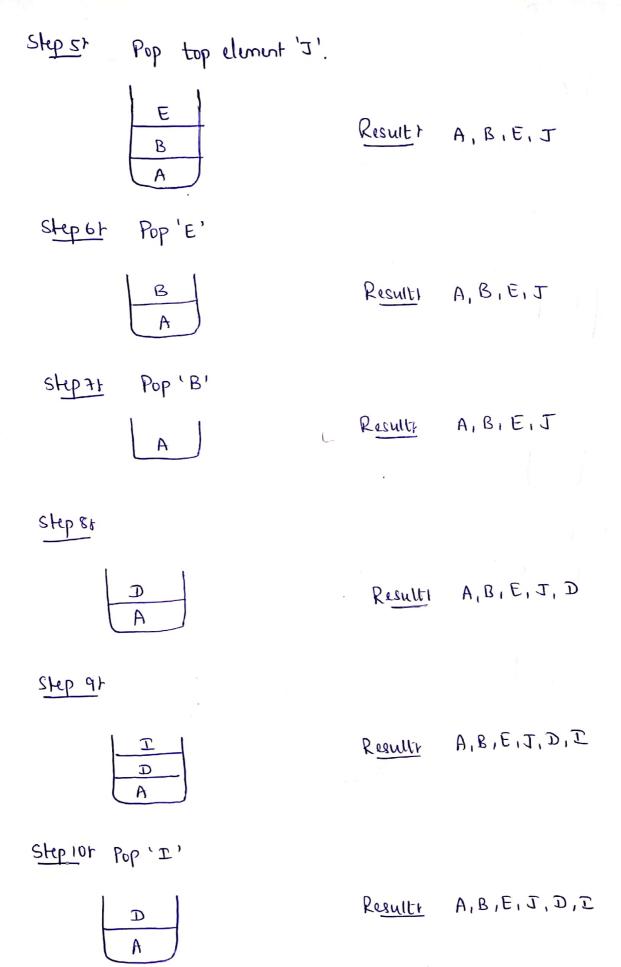
output Graph



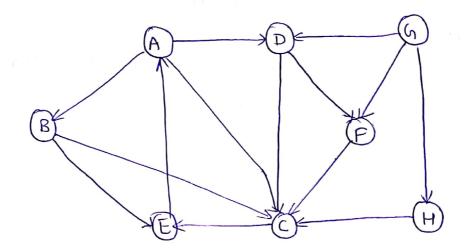


Results A, B, E, J

EB



Step 111 POP 'D' Result A, B, E, J, D, I Pop 'A' stack is Empty Step 121 Result A, B, E, J, D, Z Step 131 Rully A, B, C, J, D, I, C, F Stepiul Pop 'F' Result A, B, C, J, D, I, C, F Step 151 Pop'c' Result A, B, C, J, D, I, C, F Step 16+ Remute A, B, C, J, D, I, C, F, G Stepin Pop'G', Stack is Empty,

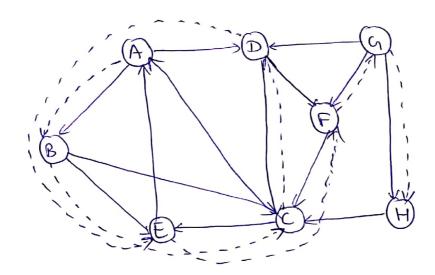


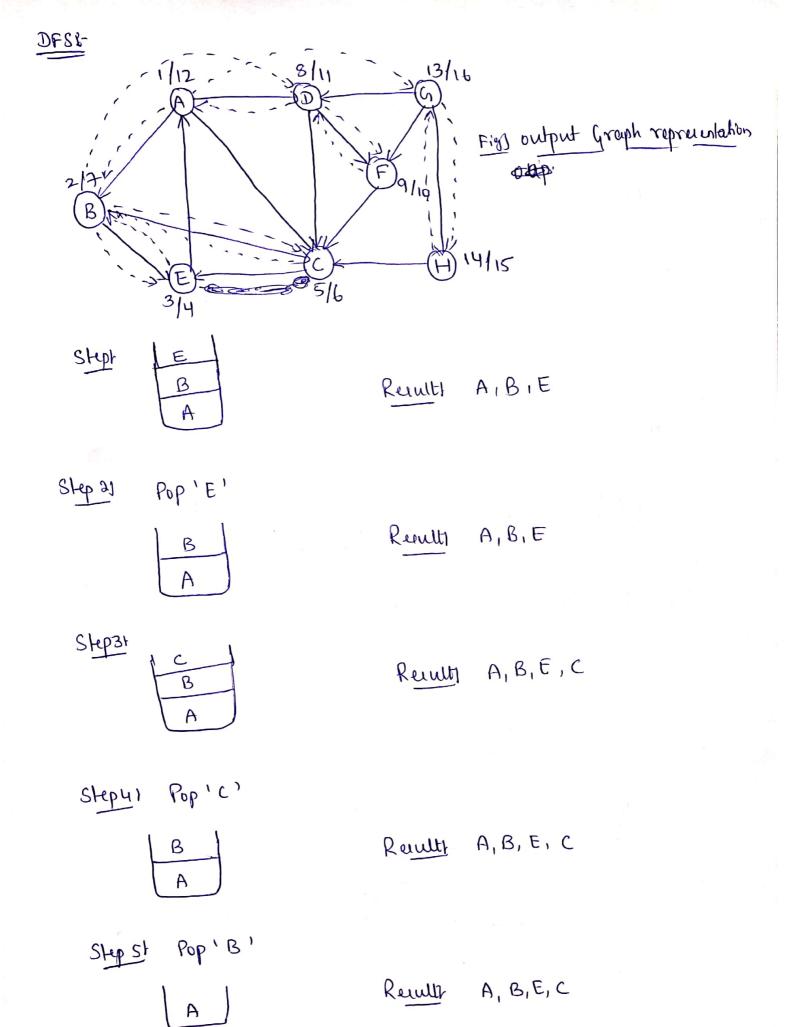
BASH

Queus



output Graph representations





Step 6t

Result 1 A, B, E, C, D, F

Step 71 Pop F, D, A, Stack is empty.

Reulti A, B, E, C, D, F

Step 81

H

Results A, B, E, C, D, F, G, H

Step 91 Pop H&G, Stack is empty.

Result in A, B, E, C, D, F, G, H