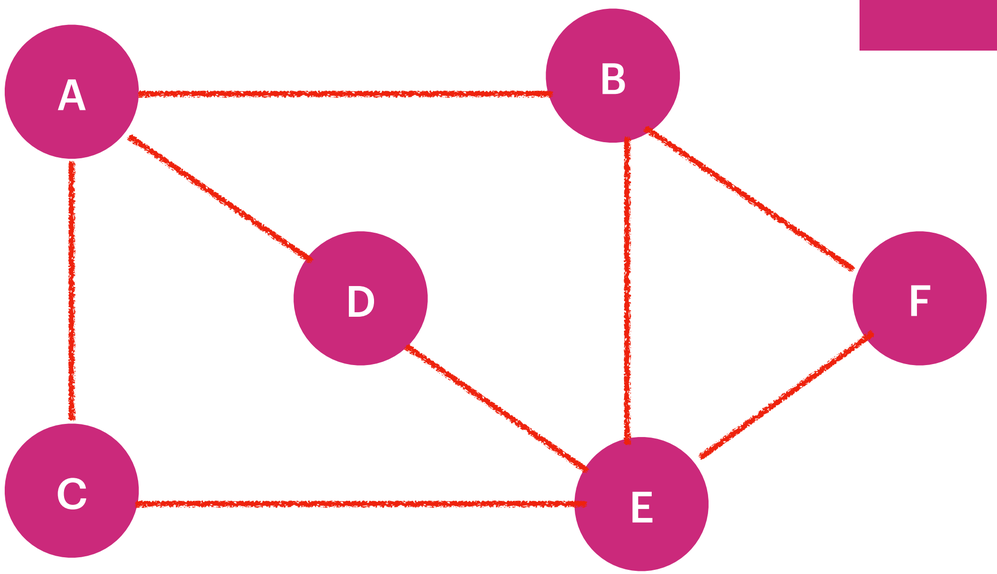
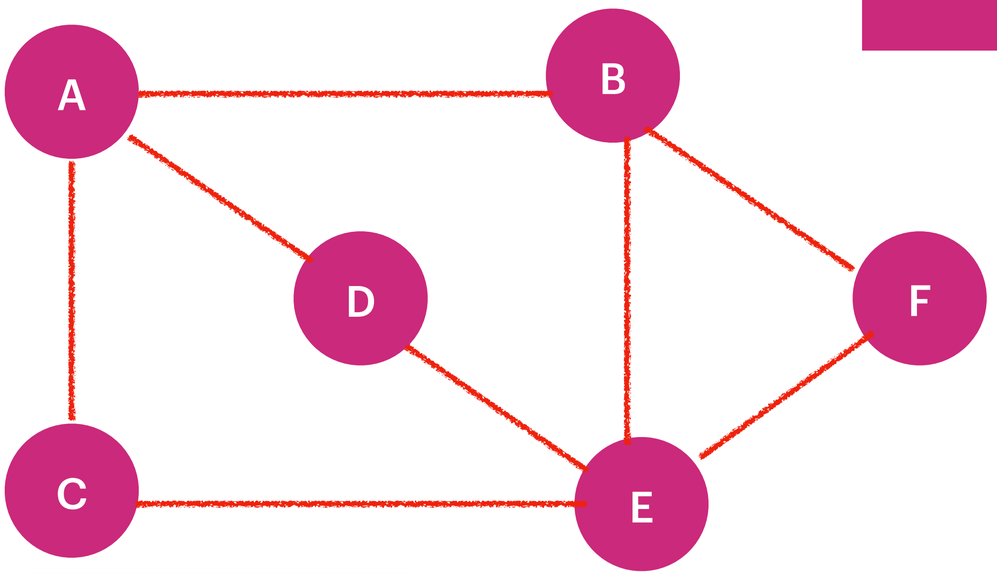
Print All the Paths From A -> F
DFS : (V-1) !
BFS : (V-1)!



BFS [
[A, B, F],
[A, C, E, F],
[A, D, E, F],
[A, B, E, F],
[A, C, E, B, F],
[A, D, E, B, F]
]

output : [[A,B,F], [A,B,E,F],[A,D,E,F],[A,D,E,B,F],[A,C,E,F],[A,C,E,B,F]]

Shortest Path between A & F :
BFS : O(V+E)
Output : [A,B,F]



BFS A->F [A, B, F]
BFS B->D [B, A, D]
BFS E->A [E, B, A]
BFS C->B [C, A, B]
BFS E->F [E, F]

A [C,D,B]

Queue [AC,AD,AB] V[A]

AC :

Queue [AD,AB,ACA,ACE] V[A,C]

AD:
Queue [AB,ACA,ACE,ADA,ADE] : V[A,C,D]

AB: V[A,C,D,B,E]
Queue [ABF,ACE[C,B,F]]
ABF -> F is Target Shortest Path