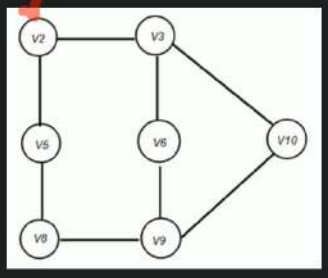
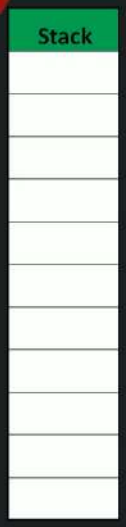
Algorithm – Depth First Search (DFS):

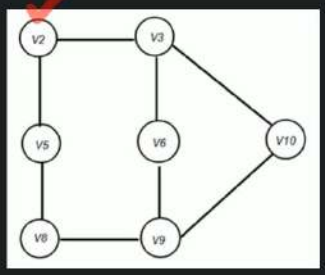
```
DFS(G)
  while all the vertices are not explored, do:
      push (any vertex)
      while Stack is not empty
          p = pop()
          if  p is unvisited
              print 'p' and mark 'p' as visited
              push(all unvisited adjacent vertices of 'p' )
```





Algorithm: Breadth First Search (BFS):

```
BFS(G):
   while all the vertices are not explored, do:
     enqueue (any vertex)
     while Q is not empty
        p = Dequeue()
        if  p is unvisited
              print 'p' and mark 'p' as visited
              enqueue(all adjacent unvisited vertices of 'p')
```



QUEUE: