

















```
Pseudo Algorithm
BFS(G,s)
   for each vertex u in V
         do
              visited[u] = false; d[u] = \infty
   Report(s)
   visited[s] = true
   initialize an empty Q
   Enqueue(Q,s); d[s]=0;
   While Q is not empty
      do u = Dequeue(Q)
            for each v in Adj[u]
                 do if visited[v] = false
                       then Report (v)
                               d[v]=d[u]+1;
                               visited[v] = true
                               Enqueue (Q, v)
```

