

ALGORITHM: ISREACHABLE

Input: Undirected graph $g = (V, E)$; node $i \in V$, node $j \in V$

Output: True if there is a path from node i to node j , false if there is not a path from node i to node j

- (1) $(d, p, w) \leftarrow \text{BFS}(g, i)$
- (2) if $d_j = \text{Null}$ then
- (3) Return False
- (4) Return True