An Approach using BFS

Algorithm Find the Minimum Number of Jumps to Reach the end of Array

Ensure: One Based Indexing for the array

```
function $Min\_Jumps\_To\_Reach\_End(arr)$
    for $i = 1 : arr.len$ do
        $level[i] \leftarrow \infty$
    $queue.push(1)$
    $level[1] \leftarrow 0$
    $max\_reached \leftarrow 1$        ▷ $max\_reached$ is the largest vertex in the queue
    while $queue$ is not empty,  do
        $current \leftarrow queue.front$
        $queue.pop$
        $next \leftarrow max\_reached + 1$
        while $next <= arr.len$ and $next \leq current + a[current]$ do
            $queue.push(next)$
            $level[next] \leftarrow level[current] + 1$
            $max\_reached \leftarrow next$
            $next \leftarrow next + 1$
    if $level[arr.len]$ is $\infty$ then
        Not Possible
    else
        return $level[arr.len]$
```