**BFS**

This program performs Breadth First Search (BFS) using recursion and queue functions.  
BFS explores a graph level by level, visiting all neighboring nodes before moving deeper.  
The queue stores nodes to visit — new nodes are added at the end (enqueue) and removed from the front (dequeue).  
This method helps process nodes in proper order without loops.

A queue follows FIFO (First In, First Out) rule, while a deque (double-ended queue) allows adding or removing elements from both ends, making it more flexible for different algorithms