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## <u>Computer Science and Engineering > Data Structures – 1 > Experiments</u>

## **Breadth First Search**

Cho	ose difficulty:	Beginner	✓ Intermediate
1. Which of the following are applications of BFS?			
○ a: To	find the Minimum	Spanning Tree (MST) Explana	ation
O b: To find the shortest distance to a node from the root Explanation			
Oc: Cy	cle detection in u	ndirected graphs Explanation	
od: All	of the above	Explanation	
(3,1). A	ssuming the h	nero can only move up, do	re the hero stands in the cell (2,3) and the villain is in the cell own, left and/or right to the immediately adjacent cells and is will it take for the hero to reach the villain (given that the
Subm	nit Quiz of 2		

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