Algorithms → Graphs → Breadth-first search

Breadth-first search → Reconstructing the algorithm

▪ Easy   ⏱ 1 minute   ⦵

Sort the list below in the order that reconstructs the BFS procedure.

🖹 Report a typo

⌄ Put the items in the correct order

Choose one node of a graph as initial. Mark it as visited. Set its distance to 0.	↑	↓
Consider all unvisited neighbours of the nodes visited at the previous step.	↑	↓
Mark all such nodes as visited and set their distances to $d + 1$, where d is the distance to the nodes visited at the …	↑	↓
Repeat the previous steps until all the nodes are visited.	↑	↓

✓ Correct.

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😍 🙂 😐 🙁 😡

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