

Module - 10.5: Problems

1. Can we solve the **Single Source Shortest Path** Problem with **DFS**? Why or why not?
What if the graph is a **DAG**, can we solve it then? (Code is not required)
2. Oftentimes we are interested in finding the path from the **source node** to the **destination node** in a graph. Can you briefly describe how we can do that when we are using **BFS** or **DFS**?
(Code is not required)
3. So far we have coded 6 problems in **week - 3**. Write the **time** and **space complexity** of each code with explanation.
4. Write code to solve the following problem: <https://cses.fi/problemset/task/1667>
You don't need to print the path
5. Write code to solve the following problem: <https://cses.fi/problemset/task/1679>