

Day 44 Task

Graphs

Q1. Create a Graph class with addNode, addEdge, removeNode, removeEdge, BFS and DFS methods.

The expected output is shown below.

```

    ▶ Set(4) {'A', 'B', 'C', 'D'} index.js:46
    A index.js:49
    B index.js:49
    D index.js:49
    ▶ Set(3) {'A', 'B', 'D'} index.js:57
    ▶ Set(3) {'A', 'B', 'D'} index.js:57
    C index.js:49
    ▶ Set(4) {'A', 'B', 'D', 'C'} index.js:57
    ▶ Set(4) {'A', 'B', 'D', 'C'} index.js:57
    ▼ Graph {adjacencyList: Map(3)} index.js:76
      ▼ adjacencyList: Map(3)
        ▼ [[Entries]]
          ▶ 0: {"A" => Array(2)}
          ▶ 1: {"B" => Array(0)}
          ▶ 2: {"C" => Array(0)}
          size: 3
          ▶ [[Prototype]]: Map
          ▶ [[Prototype]]: Object
  
```