Graph Diagram: 2

Diagram:1

BFS:

Root

0

1

3

2

5

4
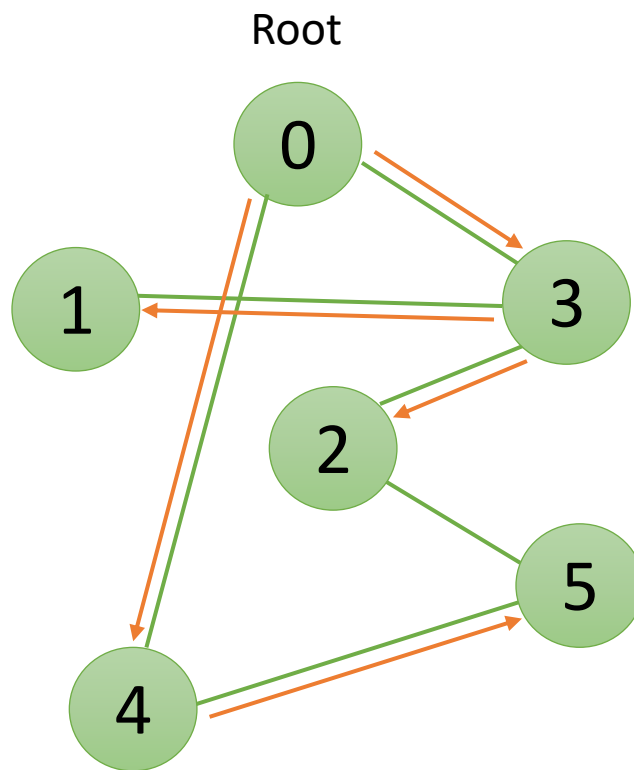
Diagram:2

0   Root

3

4

1

2

5

Diagram:3
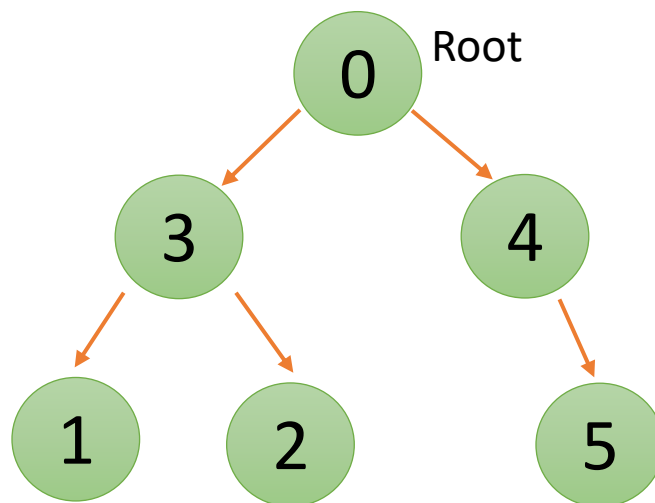
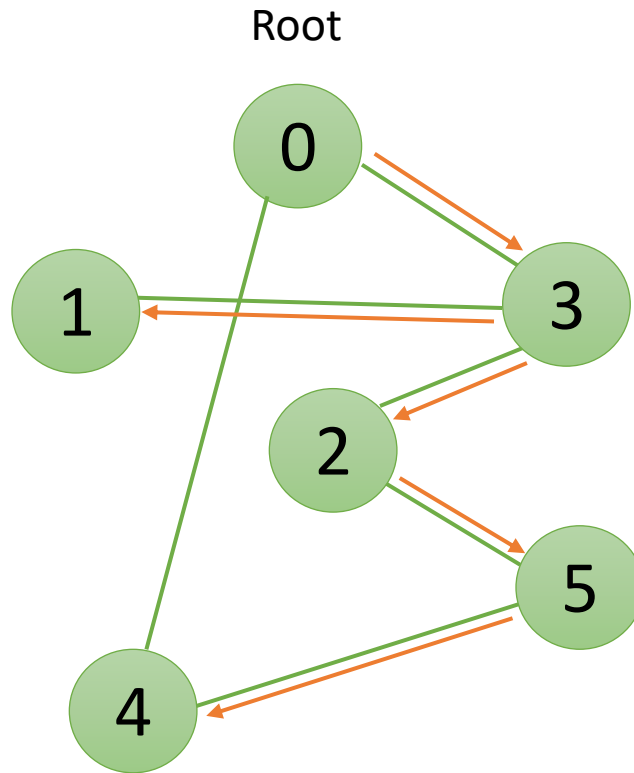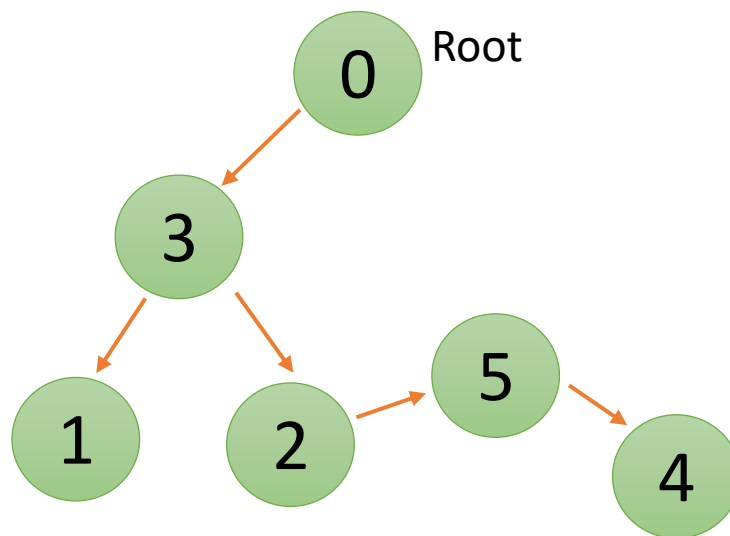BFS sequence: 0 -> 3 -> 4 -> 1 -> 2 -> 5

DFS:

Root

Diagram:4

Root

Diagram:5

DFS sequence: 0 -> 3 -> 1 -> 2 -> 5 -> 4