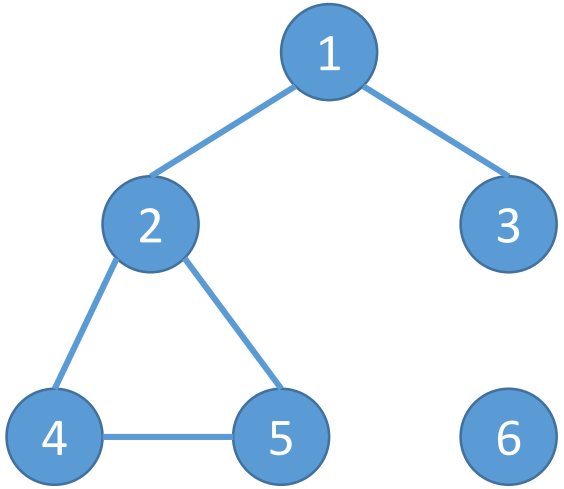
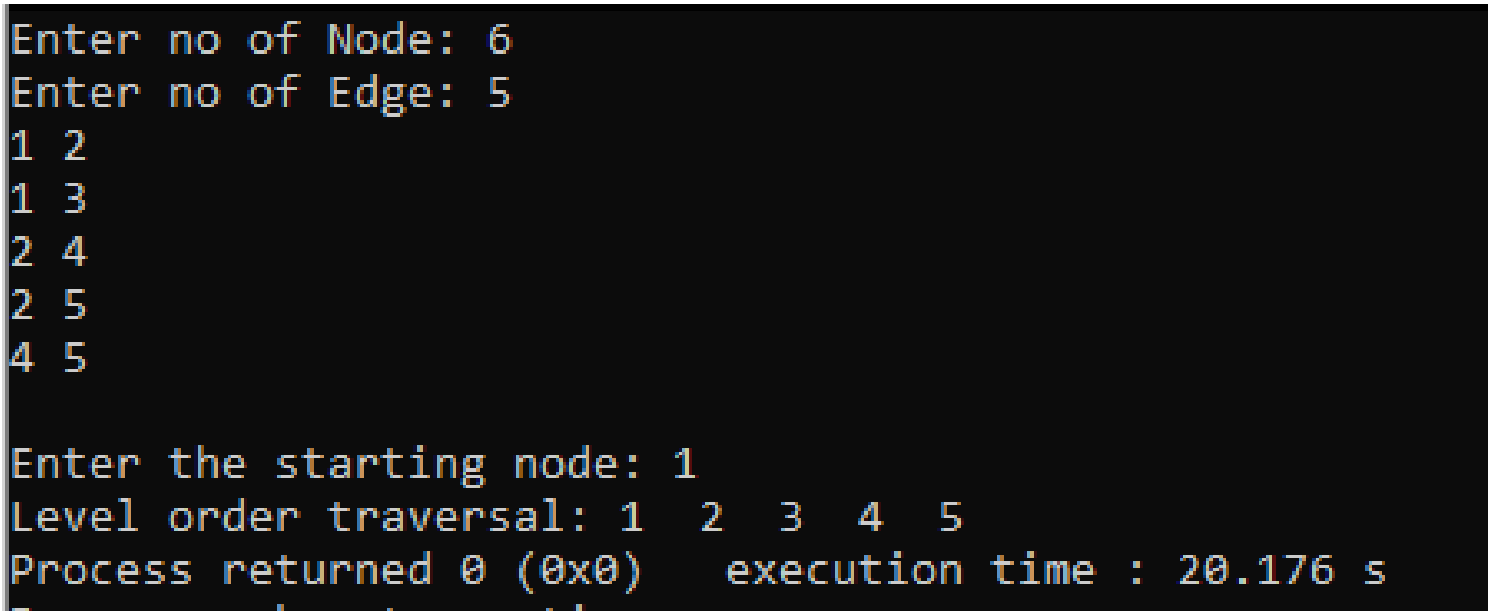
BFS

- Input the graph to the BFS code
- Node: 6
- Edge: 5
- Edges are
  - 1 2
  - 1 3
  - 2 4
  - 2 5
  - 4 5

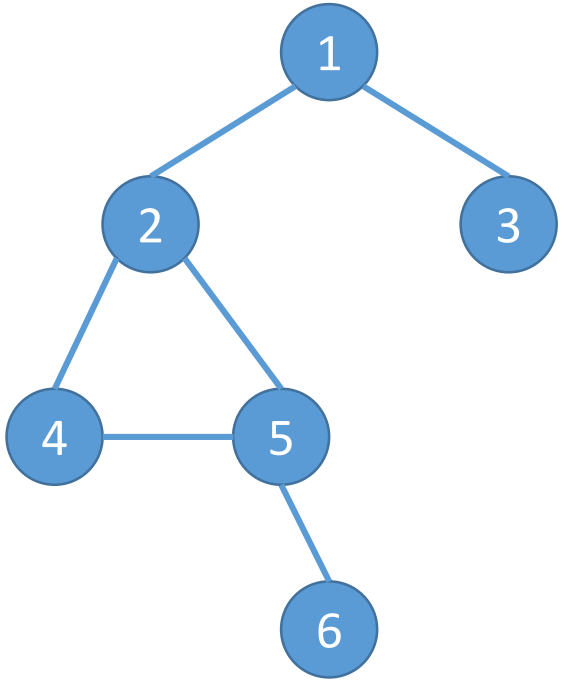


For starting node 1



BFS

- Input the graph to the BFS code
- Node: 6
- Edge: 6
- Edges are
  - 1 2
  - 1 3
  - 2 4
  - 2 5
  - 4 5
  - 5 6



For starting node 1

```
Enter no of Node: 6
Enter no of Edge: 6
1 2
1 3
2 4
2 5
4 5
5 6

Enter the starting node: 1
Level order traversal: 1  2  3  4  5  6
```

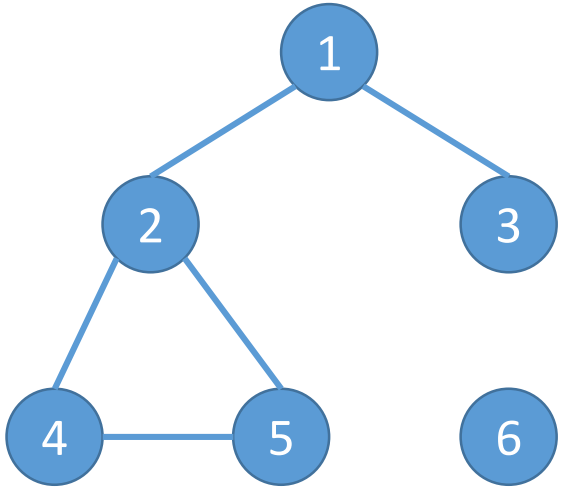
For starting node 2

```
Enter no of Node: 6
Enter no of Edge: 6
1 2
1 3
2 4
2 5
4 5
5 6

Enter the starting node: 2
Level order traversal: 2  1  4  5  3  6
Process returned 0 (0x0)   execution time : 32.601 s
```

DFS

- Input the graph to the DFS code
- Node: 6
- Edge: 5
- Edges are
  - 1 2
  - 1 3
  - 2 4
  - 2 5
  - 4 5



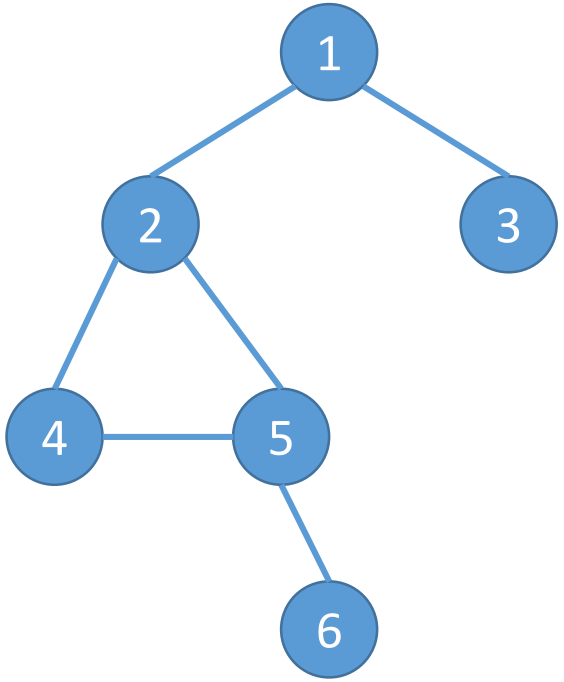
For starting node 1

```
Enter no of Node: 6
Enter no of Edge: 5
1 2
1 3
2 4
2 5
4 5

Enter the starting node: 1
DFS traversal:  1-> 2-> 4-> 5-> 3->
Process returned 0 (0x0)   execution time : 18.689 s
```

DFS

- Input the graph to the DFS code
- Node: 6
- Edge: 6
- Edges are
  - 1 2
  - 1 3
  - 2 4
  - 2 5
  - 4 5
  - 5 6



For starting node 1

```
Enter no of Node: 6
Enter no of Edge: 6
1 2
1 3
2 4
2 5
4 5
5 6

Enter the starting node: 1
DFS traversal:  1-> 2-> 4-> 5-> 6-> 3->
Process returned 0 (0x0)   execution time : 42.649 s
```