

Lab 9

BFS OUTPUT:

```
PS D:\Everything\Coding\My Codes\Python\Random Codes\DAA Lab\Lab 9> cd "d:\Everything\Coding\My Codes\Python\Random Codes\DAA Lab\Lab 9"
Enter number of vertices in graph: 4
Enter number of edges in the graph: 6
Enter the details of edge #1 (<vertex1> <space> <vertex2>): 0 1
Enter the details of edge #2 (<vertex1> <space> <vertex2>): 0 2
Enter the details of edge #3 (<vertex1> <space> <vertex2>): 1 2
Enter the details of edge #4 (<vertex1> <space> <vertex2>): 2 0
Enter the details of edge #5 (<vertex1> <space> <vertex2>): 2 3
Enter the details of edge #6 (<vertex1> <space> <vertex2>): 3 3
BFS of the graph: 0 1 2 3
PS D:\Everything\Coding\My Codes\Python\Random Codes\DAA Lab\Lab 9> █
```

DFS OUTPUT:

```
PS D:\Everything\Coding\My Codes\Python\Random Codes\DAA Lab\Lab 9> cd "d:\Everything\Coding\My Codes\Python\Random Codes\DAA Lab\Lab 9"
Enter number of vertices in graph: 4
Enter number of edges in the graph: 6
Enter the details of edge #1 (<vertex1> <space> <vertex2>): 0 1
Enter the details of edge #2 (<vertex1> <space> <vertex2>): 0 3
Enter the details of edge #3 (<vertex1> <space> <vertex2>): 1 2
Enter the details of edge #4 (<vertex1> <space> <vertex2>): 2 1
Enter the details of edge #5 (<vertex1> <space> <vertex2>): 3 3
Enter the details of edge #6 (<vertex1> <space> <vertex2>): 2 3
DFS of the graph: 0 1 2 3
PS D:\Everything\Coding\My Codes\Python\Random Codes\DAA Lab\Lab 9> █
```