



Submitted by :

Name : M Qasim

Roll no : su92-bssem-s24-010

Subject: DSA (Lab)


Section: BSSE-3A

Submitted by :

Prof . M Rasikh

Lab 012

Screenshot is :



```
C:\Users\icc\AppData\Local\Microsoft\Windows\INetCache\IE\YYAKCKP8\Qasim lab 013[1].exe
DFS Tree: 1 2 4 5 3
DFS Tree: 1 2 3 4 5
DFS Graph: 1 2 4 5 3
DFS Graph: 1 2 3 4 5

-----
Process exited after 0.4387 seconds with return value 0
Press any key to continue . . .
```

- The code performs **DFS and BFS** traversals on both a **binary tree** and an **undirected graph**.
- For the tree, it uses recursion for DFS and a queue for BFS; for the graph, it uses a set to track visited nodes