

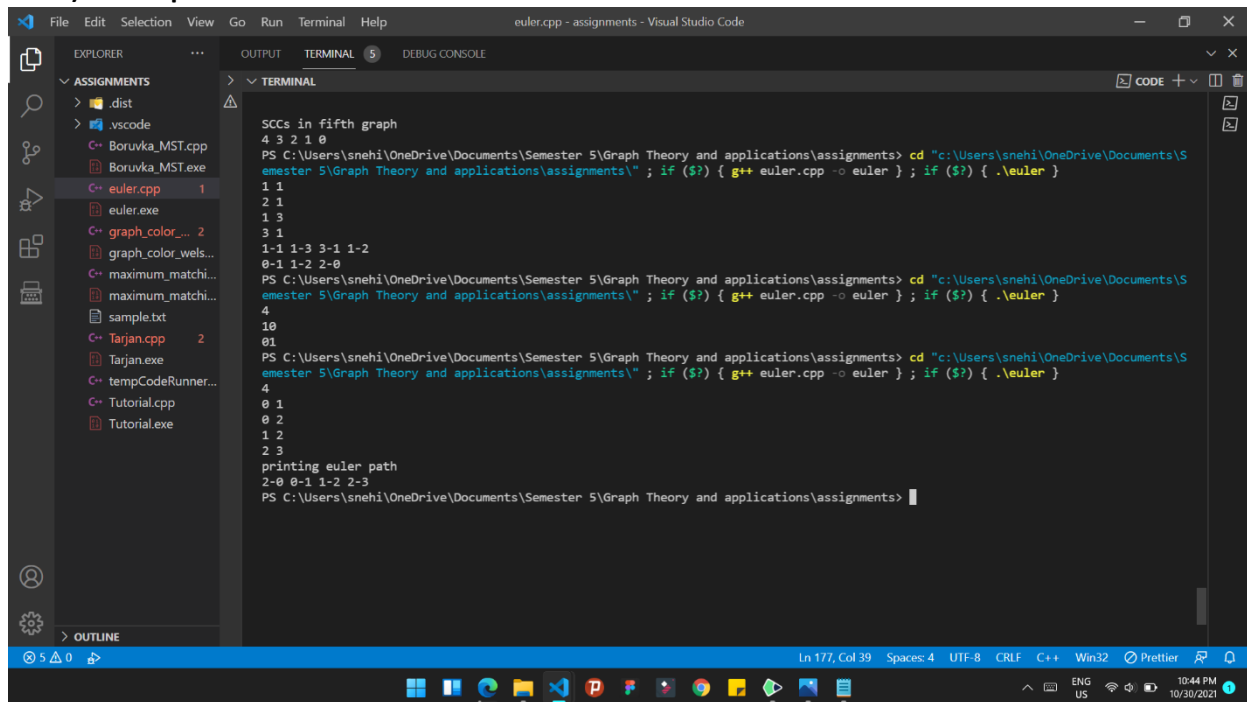
# Algorithm : Implement Fleury's Algorithm to find Euler's Circuit

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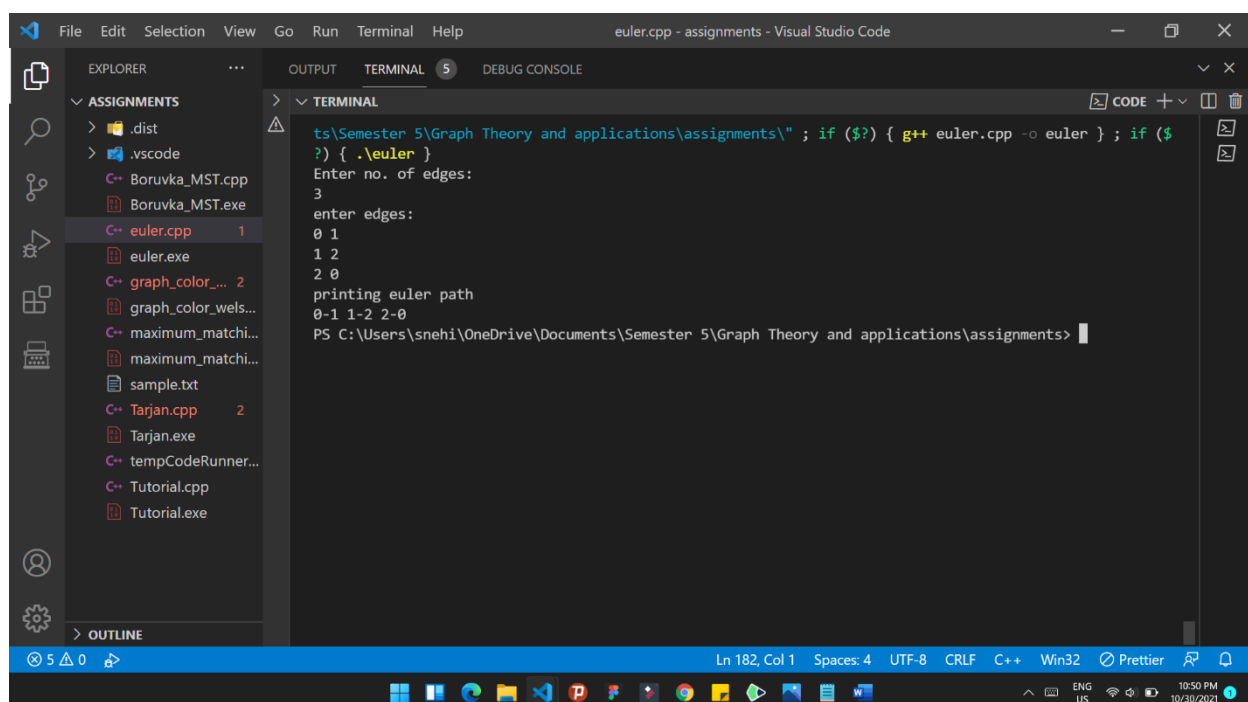
Class: CSE 5<sup>th</sup> Sem F Sec EC Campus

## 1) Example 1



```
SCCs in fifth graph
4 3 2 1 0
PS C:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments> cd "c:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments\" ; if ($?) { g++ euler.cpp -o euler } ; if ($?) { .\euler }
1 1
2 1
1 3
3 1
1-1 1-3 3-1 1-2
0-1 1-2 2-0
PS C:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments> cd "c:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments\" ; if ($?) { g++ euler.cpp -o euler } ; if ($?) { .\euler }
4
10
01
PS C:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments> cd "c:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments\" ; if ($?) { g++ euler.cpp -o euler } ; if ($?) { .\euler }
4
0 1
0 2
1 2
2 3
printing euler path
2-0 0-1 1-2 2-3
PS C:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments>
```

## 2) Example 2



```
ts\Semester 5\Graph Theory and applications\assignments\" ; if ($?) { g++ euler.cpp -o euler } ; if ($
?) { .\euler }
Enter no. of edges:
3
enter edges:
0 1
1 2
2 0
printing euler path
0-1 1-2 2-0
PS C:\Users\snehi\OneDrive\Documents\Semester 5\Graph Theory and applications\assignments>
```

