

Project

- pytl
- v
- n
- Ext
- Scr

Structure

Bookmarks

```
1 graph = {
2     'A': ['B', 'C'],
3     'B': ['D', 'E'],
4     'C': ['F'],
5     'D': [],
6     'E': ['F'],
7     'F': []
8 }
9
10 visited = set()
11
12 def dfs(visited, graph, node):
13     if node not in visited:
14         print(node)
15         visited.add(node)
16         for neighbour in graph[node]:
17             dfs(visited, graph, neighbour)
18
19 dfs(visited, graph, 'A')
20
21 #Student name: Khalid Nimri
22 #Student ID: 
```

Notifications

15 1

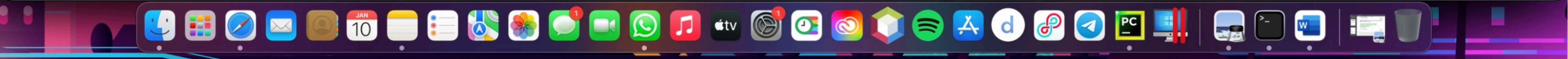
Run

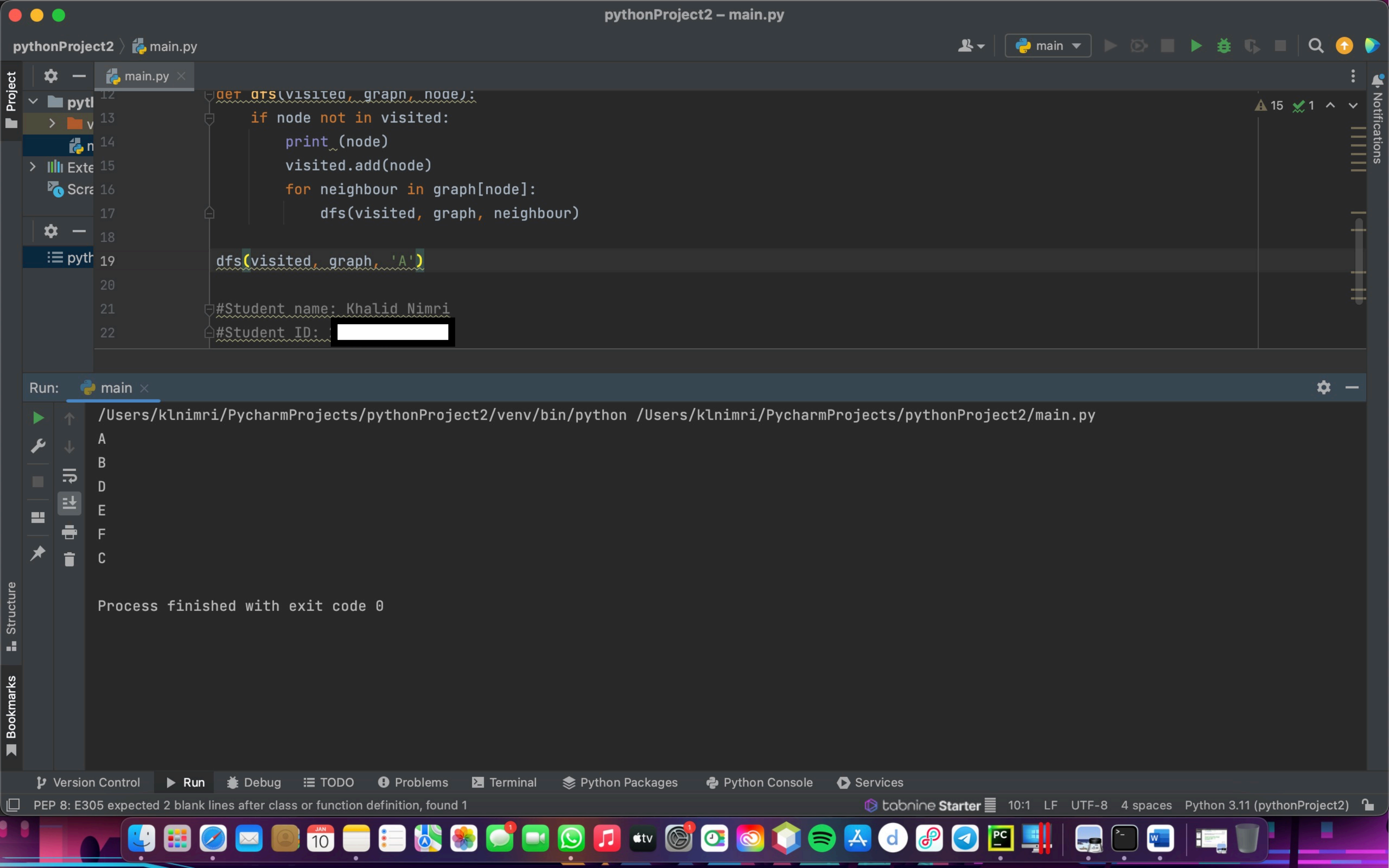
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main.py

pytl  
v  
Ext  
Scr  
pytl

```
12 def dfs(visited, graph, node):  
13     if node not in visited:  
14         print(node)  
15         visited.add(node)  
16         for neighbour in graph[node]:  
17             dfs(visited, graph, neighbour)  
18  
19     dfs(visited, graph, 'A')  
20  
21     #Student name: Khalid Nimri  
22     #Student ID: [redacted]
```

15 1

Run: main

```
/Users/klnimri/PycharmProjects/pythonProject2/venv/bin/python /Users/klnimri/PycharmProjects/pythonProject2/main.py  
A  
B  
D  
E  
F  
C
```

Process finished with exit code 0



