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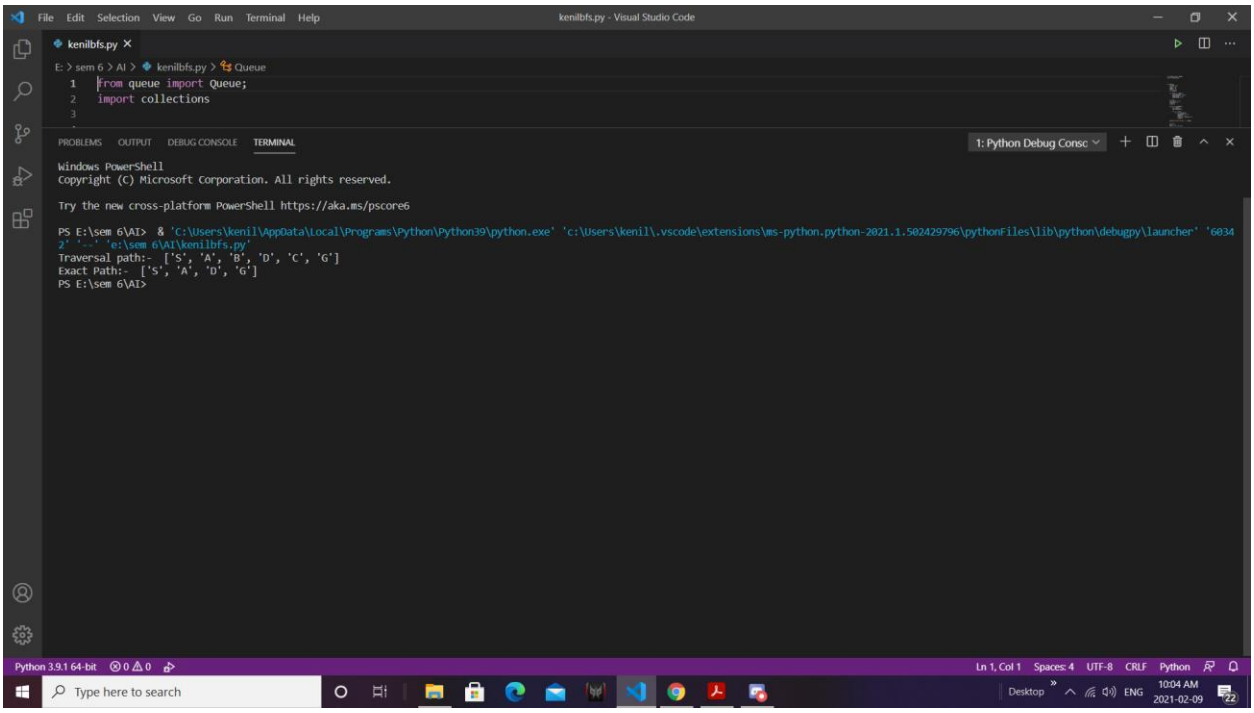
Following is the Output for bfs tree:



Following is the output for dfs tree:

```
PS E:\sem 6\AI>  e:; cd 'e:\sem 6\AI'; & 'C:\Users\kenil\AppDat
ebugpy\launcher' '60447' '--' 'e:\sem 6\AI\kenildfs.py'
Both traversal path and exact path are same:-
['S', 'A', 'B', 'C', 'D', 'G']
['S', 'A', 'B', 'C', 'D', 'G']
PS E:\sem 6\AI>
```

Output for ids tree:

```
PS E:\sem 6\AI>  e:; cd 'e:\sem 6\AI'; & 'C:\Users
ebugpy\launcher' '58504' '--' 'e:\sem 6\AI\kenilid

TRAVERSAL PATH:-
S
S
A
B
S
A
B
D
B
C
D
S
A
B
C
D
D
G


exact:-
['S', 'A', 'D', 'G']
PS E:\sem 6\AI>
```