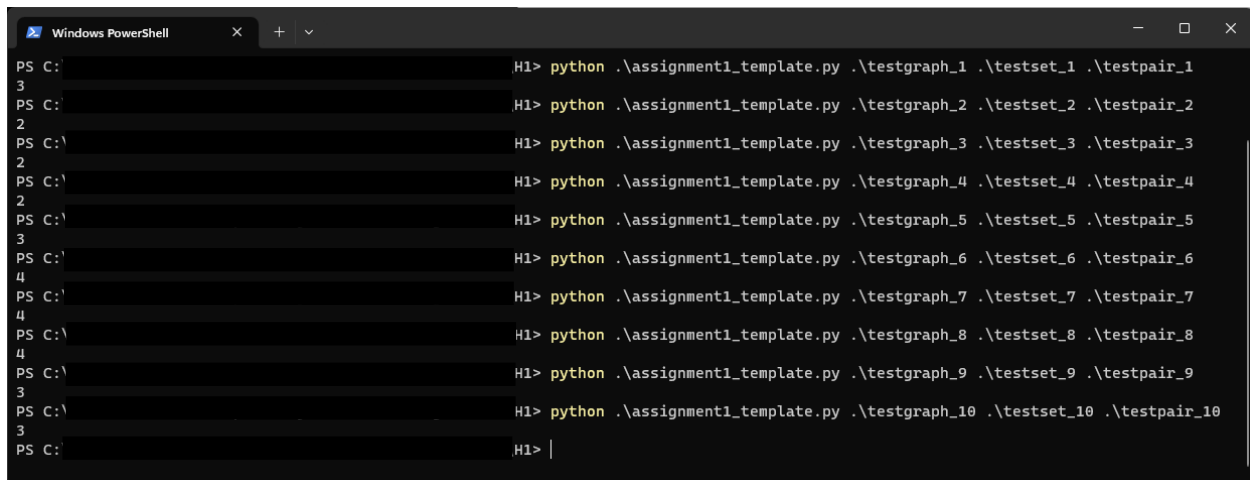


## Instructions to run the code

Uses the same syntax for the graph, set of nodes and the pair of nodes as the given sample code and sample files. In the picture is the code shown running in the terminal. Program path censored for anonymity.



```
Windows PowerShell
PS C:\> H1> python .\assignment1_template.py .\testgraph_1 .\testset_1 .\testpair_1
3
PS C:\> H1> python .\assignment1_template.py .\testgraph_2 .\testset_2 .\testpair_2
2
PS C:\> H1> python .\assignment1_template.py .\testgraph_3 .\testset_3 .\testpair_3
2
PS C:\> H1> python .\assignment1_template.py .\testgraph_4 .\testset_4 .\testpair_4
2
PS C:\> H1> python .\assignment1_template.py .\testgraph_5 .\testset_5 .\testpair_5
3
PS C:\> H1> python .\assignment1_template.py .\testgraph_6 .\testset_6 .\testpair_6
4
PS C:\> H1> python .\assignment1_template.py .\testgraph_7 .\testset_7 .\testpair_7
4
PS C:\> H1> python .\assignment1_template.py .\testgraph_8 .\testset_8 .\testpair_8
4
PS C:\> H1> python .\assignment1_template.py .\testgraph_9 .\testset_9 .\testpair_9
3
PS C:\> H1> python .\assignment1_template.py .\testgraph_10 .\testset_10 .\testpair_10
3
PS C:\> H1> |
```

First parameter is the graph, second parameter is the set of nodes, and third parameter is the pair of nodes. The code returns the maximum number of nodes in the shortest path which are found in the given set of nodes.

The files for the graph, set and pair follow the same syntax as the ones given as a testcase with the exercise. The used testcases should be in the folder with the code and the instructions.