Michael Bullock
Python on AWS

HOMEWORK

Hint from your lovely teacher ☺

Use the Min() and max()

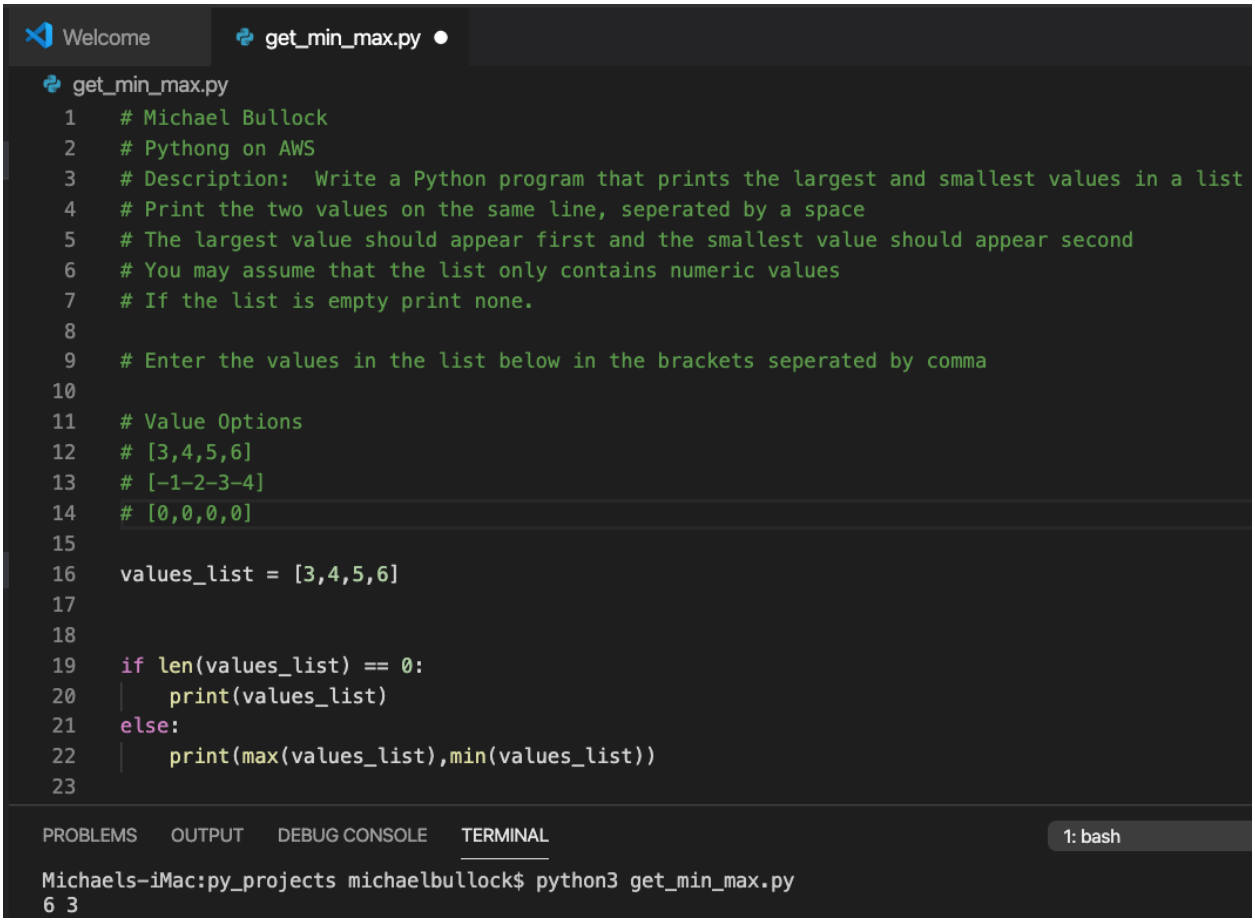
Challenge: Get Max and Min Values

📌 **Description:**

- Write a Python program that prints the **largest** and **smallest** values in a list
- Print the two values on the same line, separated by a space.
- The largest value should appear first and the smallest value should appear second.
- You may assume that the list only contains numeric values.
- If the list is empty, print `None`.

🔷 **Expected Output:**

List	Output
[3, 4, 5, 6]	6 3
[-1, -2, -3, -4]	-1 -4
[0, 0, 0, 0]	0 0
[]	[]


Welcome
get_min_max.py
get_min_max.py
# Michael Bullock
# Pythong on AWS
# Description: Write a Python program that prints the largest and smallest values in a list
# Print the two values on the same line, seperated by a space
# The largest value should appear first and the smallest value should appear second
# You may assume that the list only contains numeric values
# If the list is empty print none.
# Enter the values in the list below in the brackets seperated by comma
# Value Options
# [3,4,5,6]
# [-1-2-3-4]
# [0,0,0,0]
values_list = [3,4,5,6]
if len(values_list) == 0:
print(values_list)
else:
print(max(values_list),min(values_list))
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
1: bash
Michaels-iMac:py_projects michaelbullock$ python3 get_min_max.py
6 3

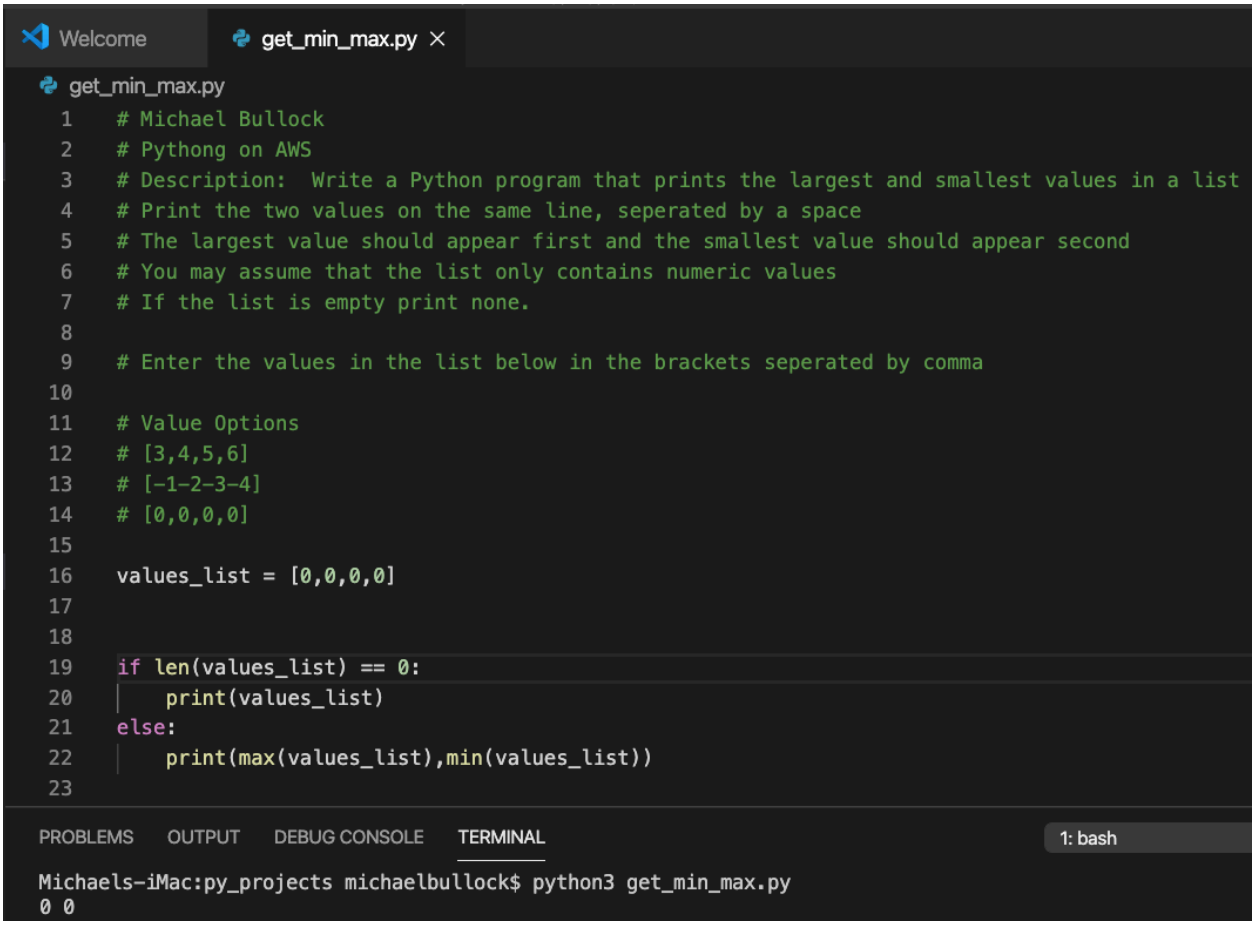
Welcome | get_min_max.py

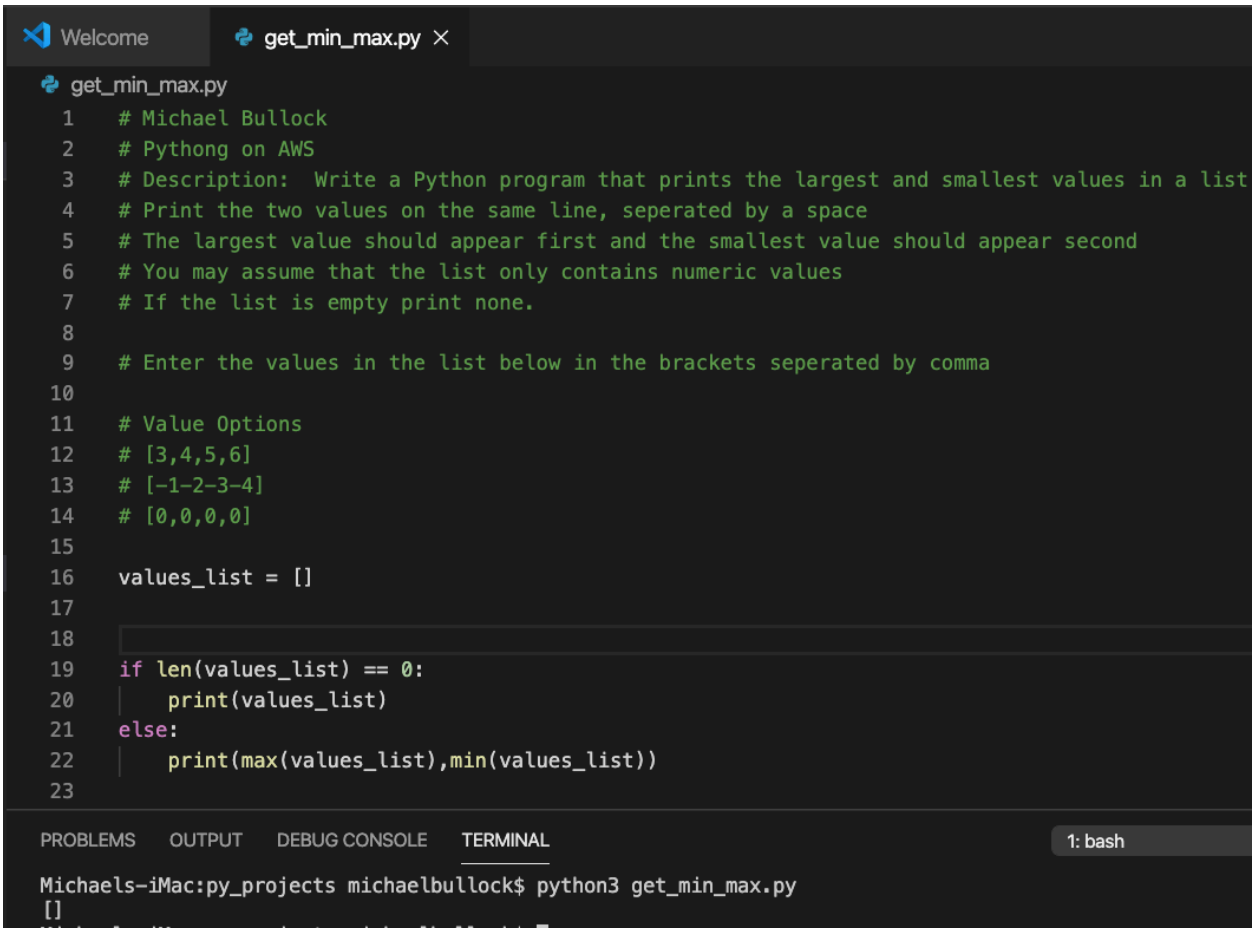
get_min_max.py

```python
# Michael Bullock
# Pythong on AWS
# Description:  Write a Python program that prints the largest and smallest values in a list
# Print the two values on the same line, seperated by a space
# The largest value should appear first and the smallest value should appear second
# You may assume that the list only contains numeric values
# If the list is empty print none.

# Enter the values in the list below in the brackets seperated by comma

# Value Options
# [3,4,5,6]
# [-1-2-3-4]
# [0,0,0,0]

values_list = [-1,-2,-3,-4]


if len(values_list) == 0:
    print(values_list)
else:
    print(max(values_list),min(values_list))

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: bash

```
Michaels-iMac:py_projects michaelbullock$ python3 get_min_max.py
-1 -4
```


Welcome
get_min_max.py
get_min_max.py
# Michael Bullock
# Pythong on AWS
# Description: Write a Python program that prints the largest and smallest values in a list
# Print the two values on the same line, seperated by a space
# The largest value should appear first and the smallest value should appear second
# You may assume that the list only contains numeric values
# If the list is empty print none.
# Enter the values in the list below in the brackets seperated by comma
# Value Options
# [3,4,5,6]
# [-1-2-3-4]
# [0,0,0,0]
values_list = [0,0,0,0]
if len(values_list) == 0:
print(values_list)
else:
print(max(values_list),min(values_list))
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
1: bash
Michaels-iMac:py_projects michaelbullock$ python3 get_min_max.py
0 0


Welcome
get_min_max.py
get_min_max.py
# Michael Bullock
# Pythong on AWS
# Description: Write a Python program that prints the largest and smallest values in a list
# Print the two values on the same line, seperated by a space
# The largest value should appear first and the smallest value should appear second
# You may assume that the list only contains numeric values
# If the list is empty print none.
# Enter the values in the list below in the brackets seperated by comma
# Value Options
# [3,4,5,6]
# [-1-2-3-4]
# [0,0,0,0]
values_list = []
if len(values_list) == 0:
print(values_list)
else:
print(max(values_list),min(values_list))
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
1: bash
Michaels-iMac:py_projects michaelbullock$ python3 get_min_max.py
[]