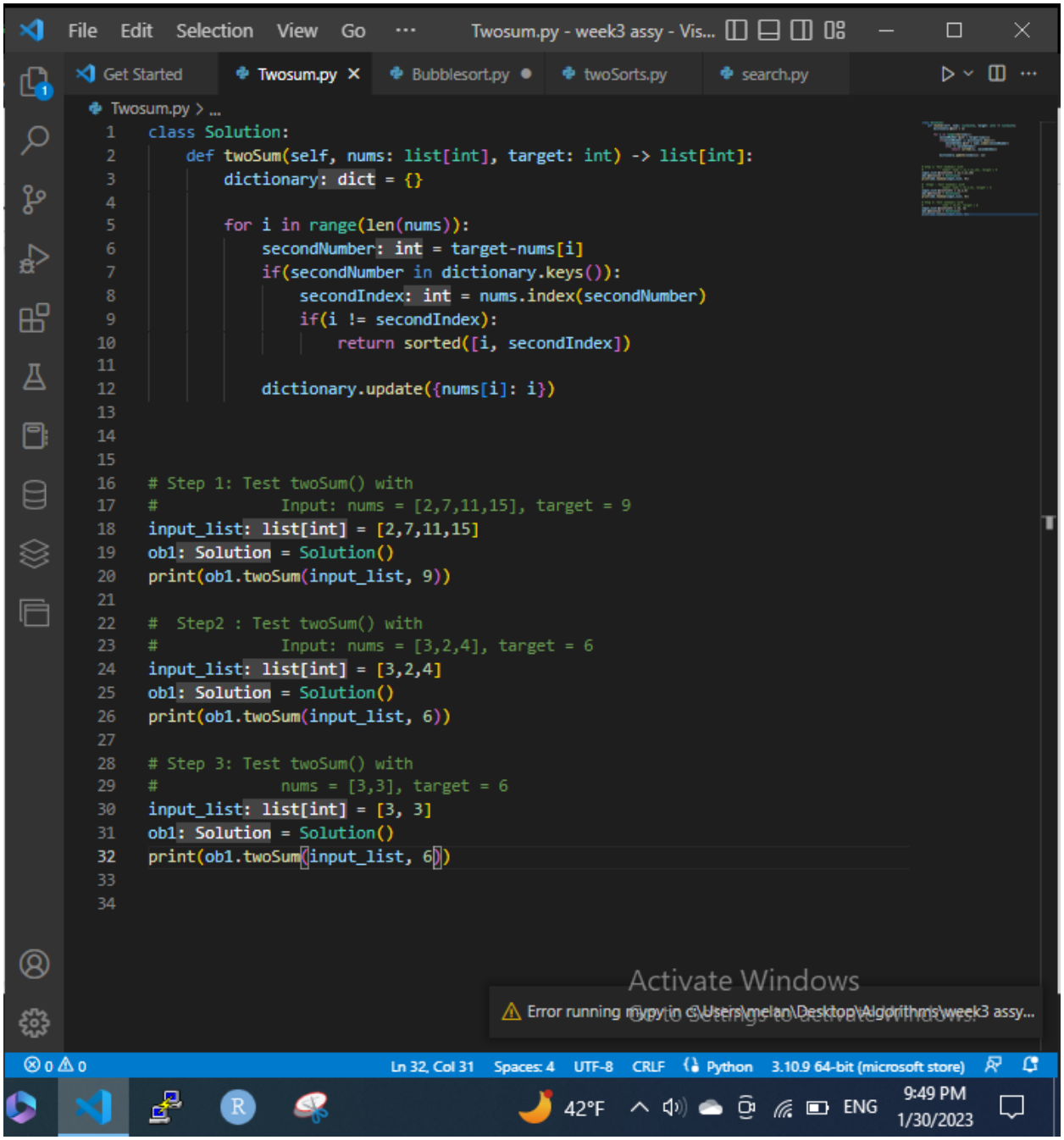
```
class Solution:
    def twoSum(self, nums: list[int], target: int) -> list[int]:
        dictionary = {}

        for i in range(len(nums)):
            secondNumber = target-nums[i]
            if(secondNumber in dictionary.keys()):
                secondIndex = nums.index(secondNumber)
                if(i != secondIndex):
                    return sorted([i, secondIndex])

            dictionary.update({nums[i]: i})



# Step 1: Test twoSum() with
#             Input: nums = [2,7,11,15], target = 9
input_list = [2,7,11,15]
ob1 = Solution()
print(ob1.twoSum(input_list, 9))

#  Step2 : Test twoSum() with
#             Input: nums = [3,2,4], target = 6
input_list = [3,2,4]
ob1 = Solution()
print(ob1.twoSum(input_list, 6))

# Step 3: Test twoSum() with
#             nums = [3,3], target = 6
input_list = [3, 3]
ob1 = Solution()
print(ob1.twoSum(input_list, 6))
```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input_list: list[int] = [3,2,4]
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print(ob1.twoSum(input_list, 6))
# Step 3: Test twoSum() with
# nums = [3,3], target = 6
input_list: list[int] = [3, 3]
ob1: Solution = Solution()
print(ob1.twoSum(input_list, 6))
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Error running mypy in c:\Users\melan\Desktop\Algorithms\week3 assy...
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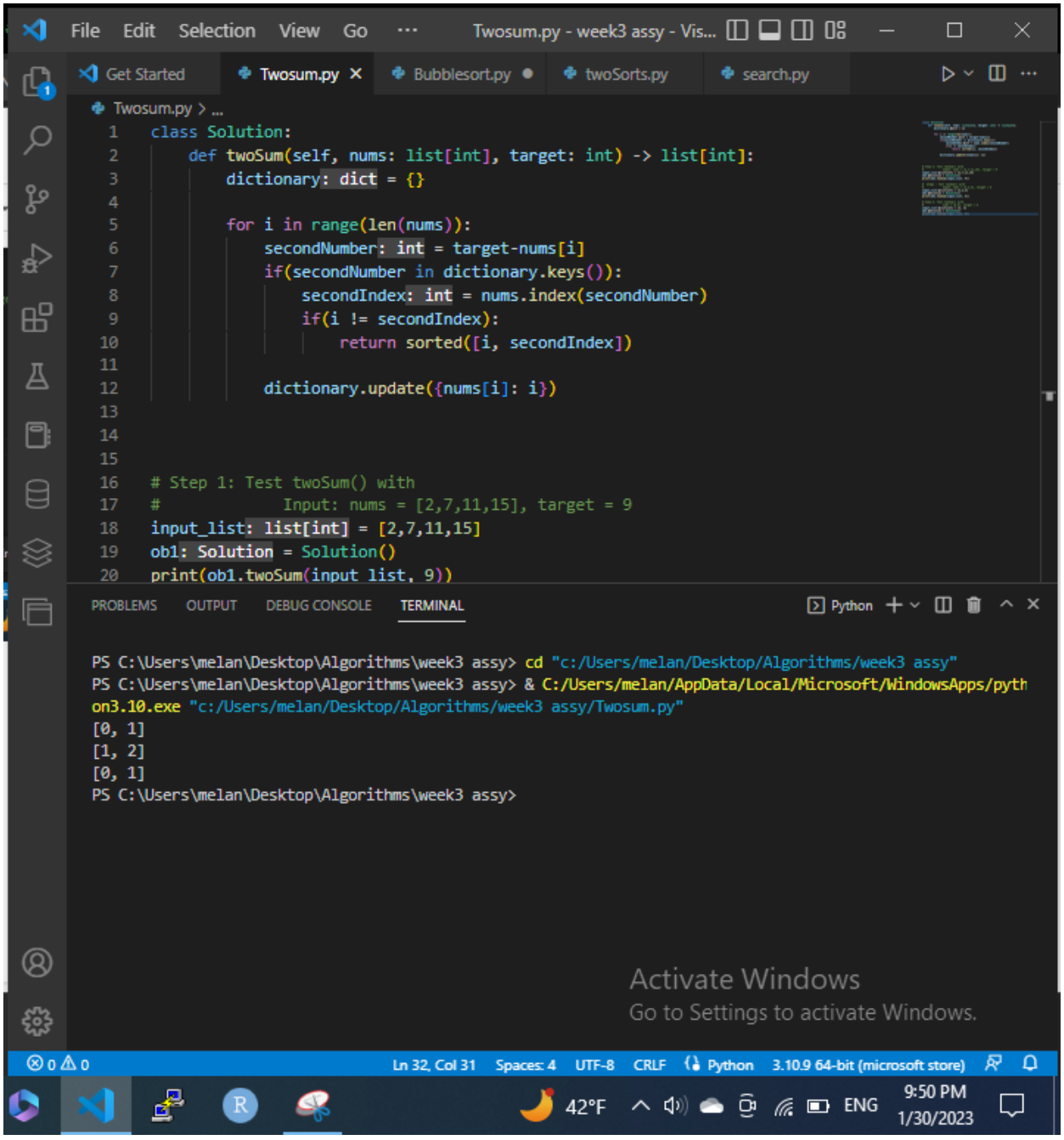
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python
PS C:\Users\melan\Desktop\Algorithms\week3 assy> cd "c:/Users/melan/Desktop/Algorithms/week3 assy"
PS C:\Users\melan\Desktop\Algorithms\week3 assy> & C:/Users/melan/AppData/Local/Microsoft/WindowsApps/python3.10.exe "c:/Users/melan/Desktop/Algorithms/week3 assy/Twosum.py"
[0, 1]
[1, 2]
[0, 1]
PS C:\Users\melan\Desktop\Algorithms\week3 assy>
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