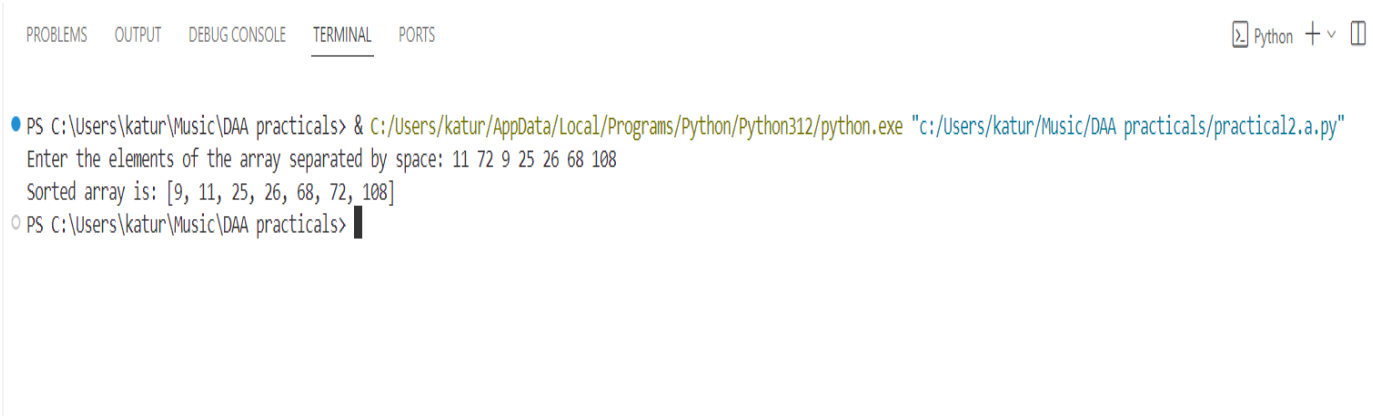
Program:

```
def insertion_sort(arr):
    # Traverse through 1 to len(arr)
    for i in range(1, len(arr)):
        key = arr[i]
        j = i - 1

        # Move elements of arr[0...i-1], that are greater than key, to one position ahead of their current position
        while j >= 0 and key < arr[j]:
            arr[j + 1] = arr[j]
            j -= 1
        arr[j + 1] = key

# Taking input for the array
arr = list(map(int, input("Enter the elements of the array separated by space: ").split()))

# Performing insertion sort
insertion_sort(arr)

# Display the sorted array
print("Sorted array is:", arr)
```

Output: