

**Program:**

```
def selection_sort(arr):  
    # Traverse through all array elements  
    for i in range(len(arr)):  
        # Find the minimum element in remaining unsorted array  
        min_idx = i  
        for j in range(i + 1, len(arr)):  
            if arr[j] < arr[min_idx]:  
                min_idx = j  
  
        # Swap the found minimum element with the first element  
        arr[i], arr[min_idx] = arr[min_idx], arr[i]  
  
# Taking input for the array  
arr = list(map(int, input("Enter the elements of the array separated by space: ").split()))  
  
# Performing selection sort  
selection_sort(arr)  
  
# Display the sorted array  
print("Sorted array is:", arr)
```

**Output:**

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS Python + v
```

```
PS C:\Users\katur\Music\DAA practicals> & C:/Users/katur/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/katur/Music/DAA practicals/practical2.b.py"  
Enter the elements of the array separated by space: 11 72 9 25 26 68 108  
Sorted array is: [9, 11, 25, 26, 68, 72, 108]  
PS C:\Users\katur\Music\DAA practicals>
```

