

```
def find_smallest_largest(arr):
    smallest = arr[0]
    largest = arr[0]

    for num in arr:
        if num < smallest:
            smallest = num
        if num > largest:
            largest = num

    return smallest, largest

size = int(input("Enter the size of the array: "))

print("Enter the elements:")
arr = list(map(int, input().split()))
smallest, largest = find_smallest_largest(arr)

print("Smallest Number:", smallest)
print("Largest Number:", largest)
```