

**4. Write a program to get the largest element of an array.**

**PROGRAM:**

```
a=[10,89,9,56,4]
max=a[0]
for i in range(0,len(a)):
    if a[i]>max:
        max=a[i]
print("Largest element in the array is:",max)
```

**INPUT:**

```
a=[10,89,9,56,4]
```

**OUTPUT:**

```
Largest element in the array is: 89
```

**TIME COMPLEXITY:**

**Time complexity of the above code is**

**$f(n)=O(n)$**