

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

$f(n)=O(n)$