

4.WRITE A PROGRAM TO FIND LARGEST ELEMENT FROM AN ARRAY

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

```
max=a[0]
```

```
for i in range(0,len(a)):
```

```
    if a[i]>max:
```

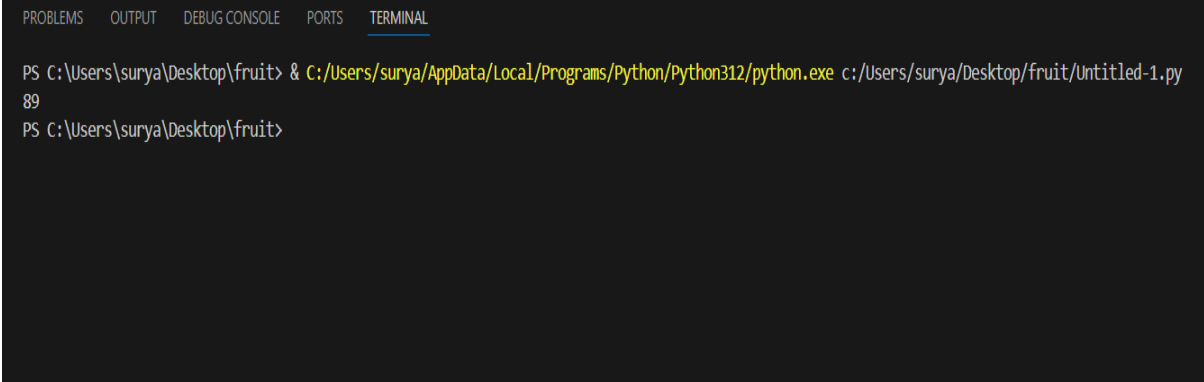
```
        max=a[i]
```

```
print(max)
```

TIME COMPLEXITY: $O(n)$

INPUT:10,89,9,56,4

OUTPUT:



```
PROBLEMS OUTPUT DEBUG CONSOLE PORTS TERMINAL
PS C:\Users\surya\Desktop\fruit> & C:/Users/surya/AppData/Local/Programs/Python/Python312/python.exe c:/Users/surya/Desktop/fruit/Untitled-1.py
89
PS C:\Users\surya\Desktop\fruit>
```