

## Practical-4

**Aim:-** Write a program to find the maximum of a list of numbers.

**Software Used:-** Python IDLE 3.12.10

### Procedure:-

- Start the program.
- Create a list of numbers.
- Check if the list is empty:

If it is, display a message and exit.

- Assume the first element in the list is the maximum.
- Use a for loop to iterate through each number in the list:

If the current number is greater than the assumed maximum, update the maximum.

- After the loop ends, print the maximum number.
- End the program.

### Source Code:-

```
a = [ 90,99,69,96,65,89]  
largest = a[0]
```

```
for val in a :
```

```
    if val>largest:
```

```
        largest=val
```

```
    print(largest)
```

### Output:-

