```
list1, list2 = [123, 'xyz'], [456, 'abc']


print cmp(list1, list2);

print cmp(list2, list1);

list3 = list2 + [786];

print cmp(list2, list3)
```

When we run above program, it produces following result:

```
-1

1

-1
```

43.   len(List)

Description
The method **len()** returns the number of elements in the *list*.

Syntax
Following is the syntax for **len()** method:

```
len(list)
```

Parameters
- **list** -- This is a list for which number of elements to be counted.

Return Value
This method returns the number of elements in the list.

Example
The following example shows the usage of len() method.

```
#!/usr/bin/python


list1, list2 = [123, 'xyz', 'zara'], [456, 'abc']
```