Dynamic Input in List

Dynamic input indicates that when we run our application we ask to the user about number of elements. After that we accept all that elements and store it into specific data type.

Generally if want to accept N value from user then we prefer List to store that values.

 Consider below application which demonstrate concept of Dynamic input in List

```python
print("---- Marvellous Infosystems by Piyush Khairnar-----")

print("Demonstration of Dynamic In List")

# Create Object of List
arr = list()

# Ask the user about the number of elements
num = input("Enter how many elements you want:")

print ("Enter numbers in array: ")

# Iterate the for loop to accept N numbers
for i in range(0,int(num)):
        # Accept individual element from user
        no = input("num :")

        # Insert that element into List
        arr.append(int(no))

print ("Entered elements are",arr)
```
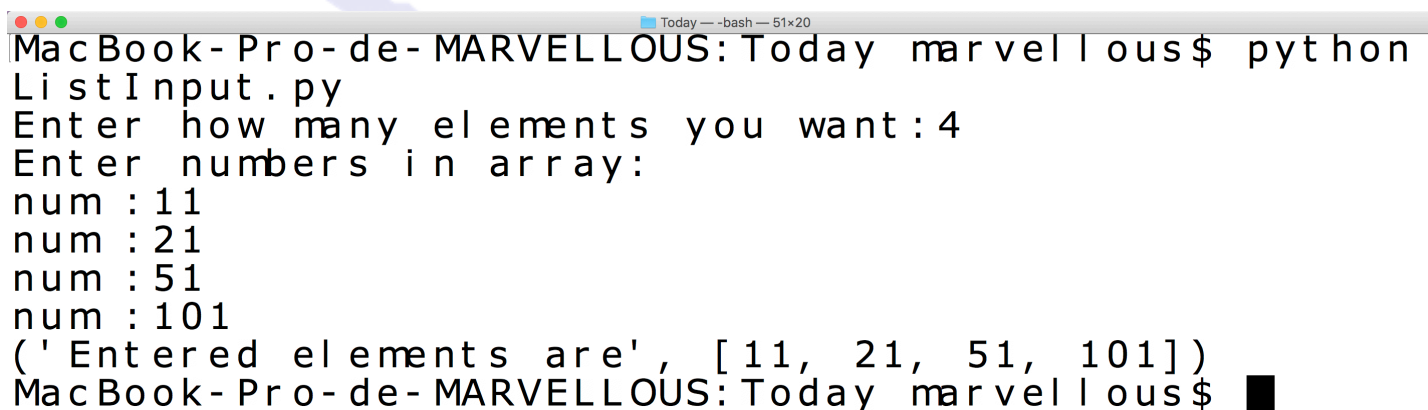
```
MacBook-Pro-de-MARVELLOUS:Today marvellous$ python
ListInput.py
Enter how many elements you want:4
Enter numbers in array:
num :11
num :21
num :51
num :101
('Entered elements are', [11, 21, 51, 101])
MacBook-Pro-de-MARVELLOUS:Today marvellous$ ▮
```