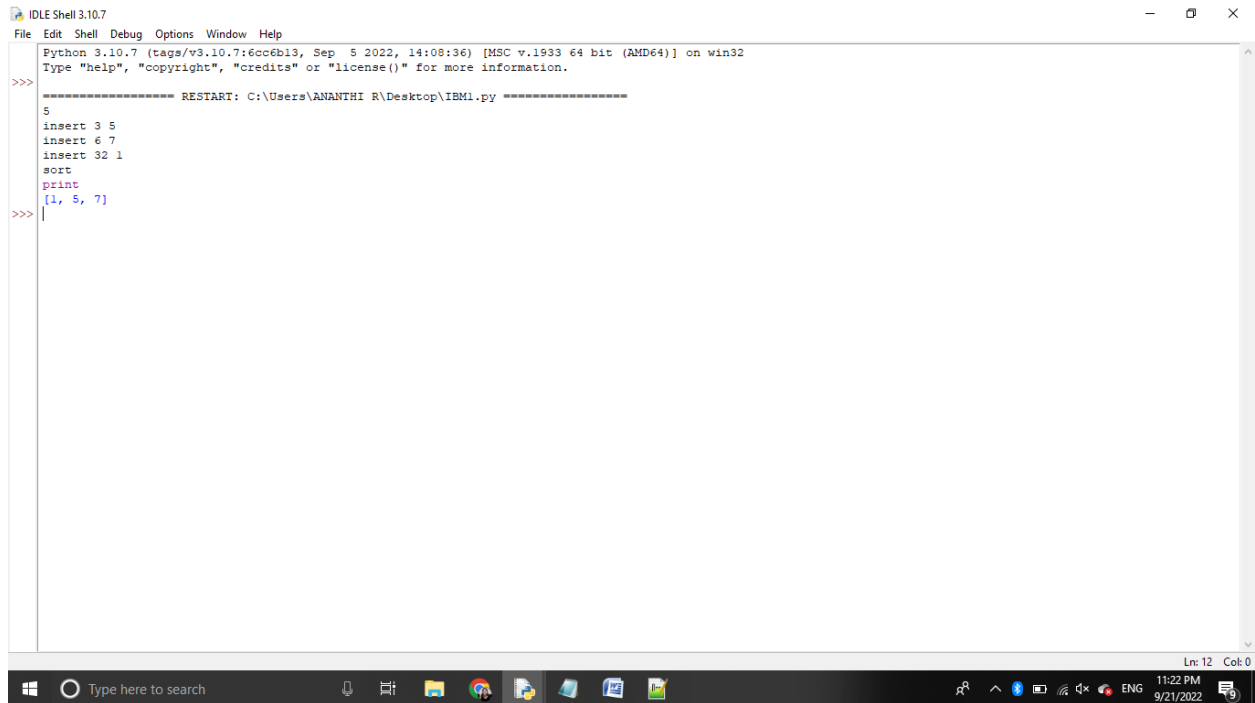


## Assignment:-(Module-3 Python)

1)

```
n=int(input())  
list=[]  
for i in range(0,n):  
    c=input().split()  
    if c[0]=="insert":  
        list.insert(int(c[1]),int(c[2]))  
    elif c[0]=="print":  
        print(list)  
    elif c[0]=="remove":  
        list.remove(int(c[1]))  
    elif c[0]=="append":  
        list.append(int(c[1]))  
    elif c[0]=="sort":  
        list.sort()  
    elif c[0]=="pop":  
        list.pop()  
    else:  
        list.reverse()
```

**OUTPUT:-**



```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\ANANTHI R\Desktop\IBMI.py =====
5
insert 3 5
insert 6 7
insert 32 1
sort
print
[1, 5, 7]
>>>
```

2)

while(True):

```
print("\nCalculator:\n1.Add\n2.Subtract\n3.Multiplication\n4.Division\n5.Exit")
```

```
print("Enter the choice:")
```

```
n=int(input())
```

```
if(n==5):
```

```
    break
```

```
n1=int(input("Enter the First number:"))
```

```
n2=int(input("Enter the second number:"))
```

```
if(n==1):
```

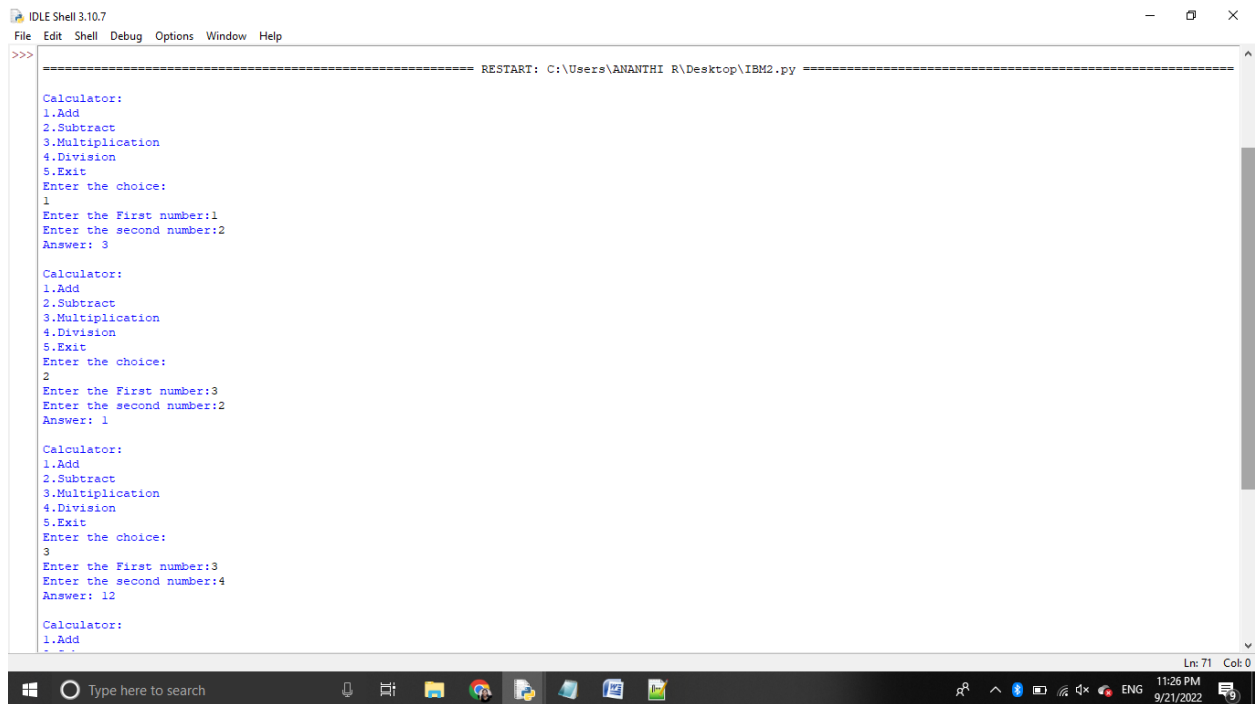
```
    print("Answer:",n1+n2)
```

```
elif(n==2):
```

```
    print("Answer:",n1-n2)
```

```
elif(n==3):  
    print("Answer:",n1*n2)  
  
elif(n==4):  
    print("Answer:",n1/n2)  
  
else:  
    break
```

## **OUTPUT:-**



```
IDLE Shell 3.10.7  
File Edit Shell Debug Options Window Help  
>>> ===== RESTART: C:\Users\ANANTHI R\Desktop\IBM2.py =====  
  
Calculator:  
1.Add  
2.Subtract  
3.Multiplication  
4.Division  
5.Exit  
Enter the choice:  
1  
Enter the First number:1  
Enter the second number:2  
Answer: 3  
  
Calculator:  
1.Add  
2.Subtract  
3.Multiplication  
4.Division  
5.Exit  
Enter the choice:  
2  
Enter the First number:3  
Enter the second number:2  
Answer: 1  
  
Calculator:  
1.Add  
2.Subtract  
3.Multiplication  
4.Division  
5.Exit  
Enter the choice:  
3  
Enter the First number:3  
Enter the second number:4  
Answer: 12  
  
Calculator:  
1.Add  
2.Subtract  
3.Multiplication  
4.Division  
5.Exit  
Enter the choice:  
4  
Enter the First number:3  
Enter the second number:4  
Answer: 0.75  
  
Calculator:  
1.Add  
2.Subtract  
3.Multiplication  
4.Division  
5.Exit  
Enter the choice:  
5  
Exit  
  
Ln: 71 Col: 0
```

```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
4.Division
5.Exit
Enter the choice:
2
Enter the First number:3
Enter the second number:2
Answer: 1

Calculator:
1.Add
2.Subtract
3.Multiplication
4.Division
5.Exit
Enter the choice:
3
Enter the First number:3
Enter the second number:4
Answer: 12

Calculator:
1.Add
2.Subtract
3.Multiplication
4.Division
5.Exit
Enter the choice:
4
Enter the First number:10
Enter the second number:2
Answer: 5.0

Calculator:
1.Add
2.Subtract
3.Multiplication
4.Division
5.Exit
Enter the choice:
5
>>>
```

3)

```
s1="ananthi"
```

```
s2="kavi"
```

```
print("String-1: ",s1)
```

```
print("String-2: ",s2)
```

```
print("Concatenate: ",s1+s2)
```

```
print("String reverse: ",s1[::-1])
```

```
print("String Slice: ",s2[2:4])
```

## **OUTPUT:-**

```
>>> ===== RESTART: C:\Users\ANANTHI R\Desktop\IBM3.py =====
String-1:  ananthi
String-2:  kavi
Concatenate:  ananthikavi
String reverse:  ihtnana
String Slice:  vi
>>>
```