ANANTHI R
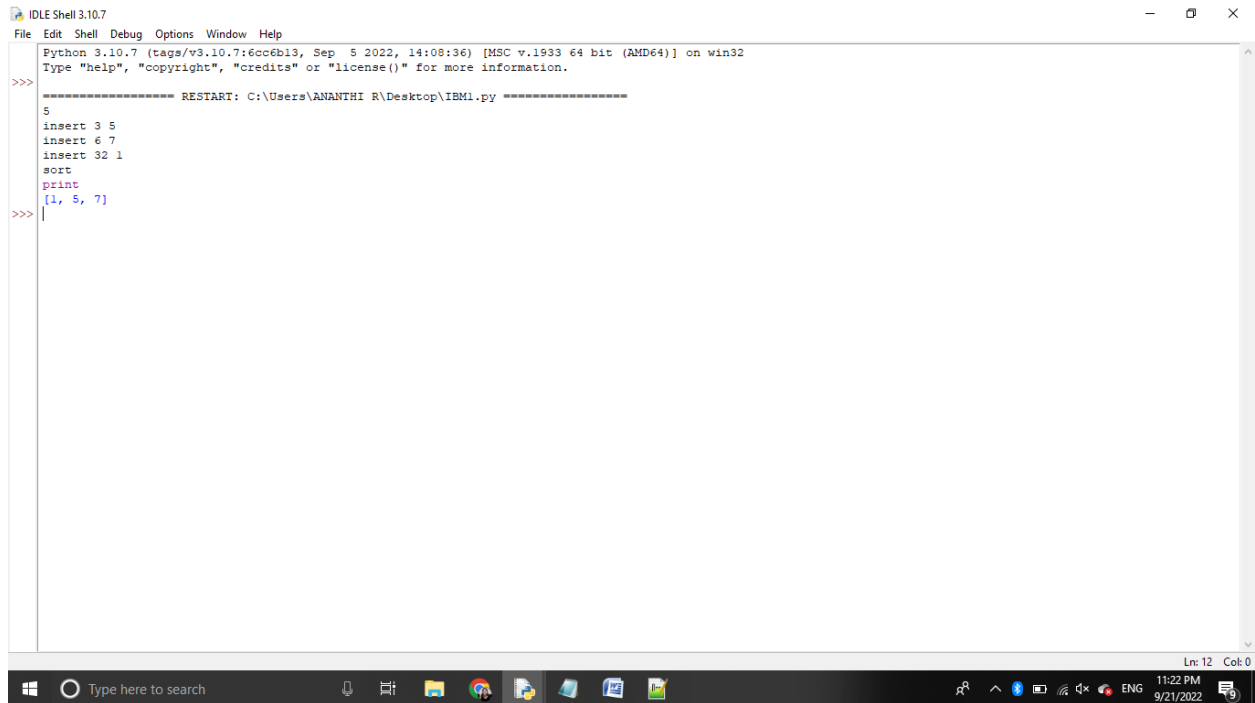
ROLLNO: 49621915027

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:-

```
IDLE Shell 3.10.7                                                           —  □  ×
File  Edit  Shell  Debug  Options  Window  Help
 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\IBM1.py ================
 5
 insert 3 5
 insert 6 7
 insert 32 1
 sort
 print
 [1, 5, 7]
>>> |
```

2)

```python
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)
```
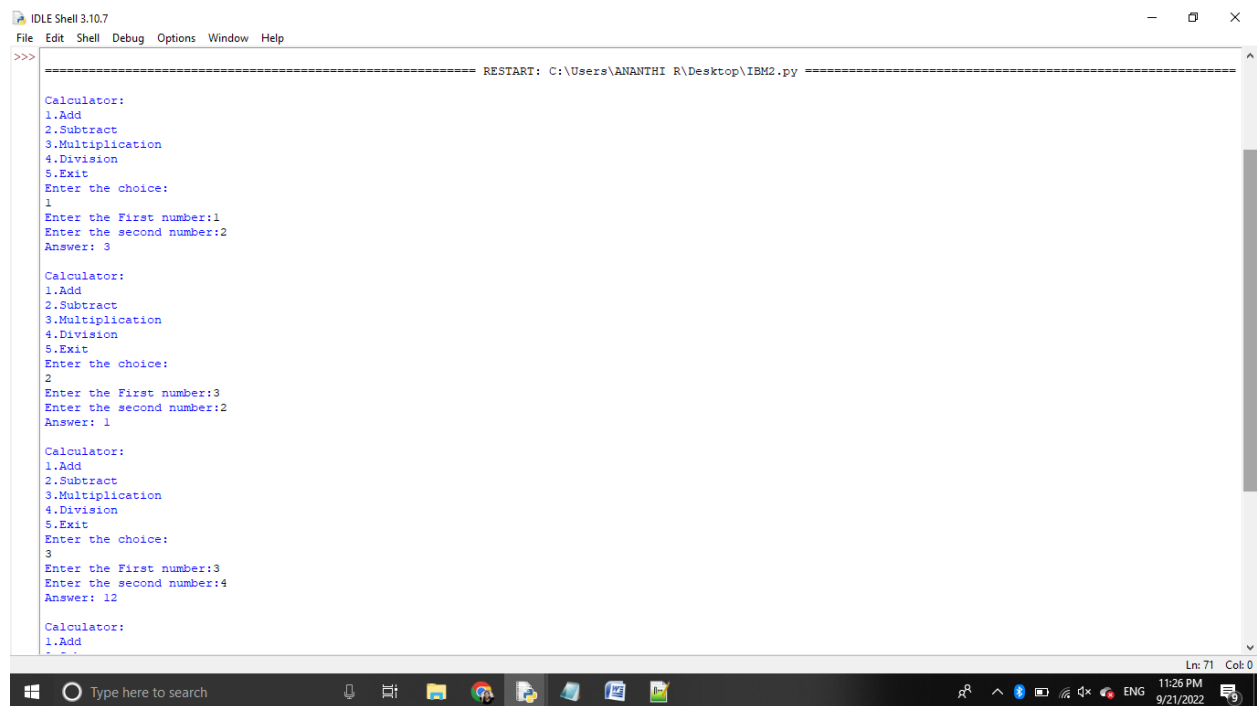
```
elif(n==3):

    print("Answer:",n1*n2)

elif(n==4):

    print("Answer:",n1/n2)

else:

    break
```

OUTPUT:-

```
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
>>>
```

Ln: 71   Col: 0

3)

```python
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
>>>
```

Ln: 78   Col: 0