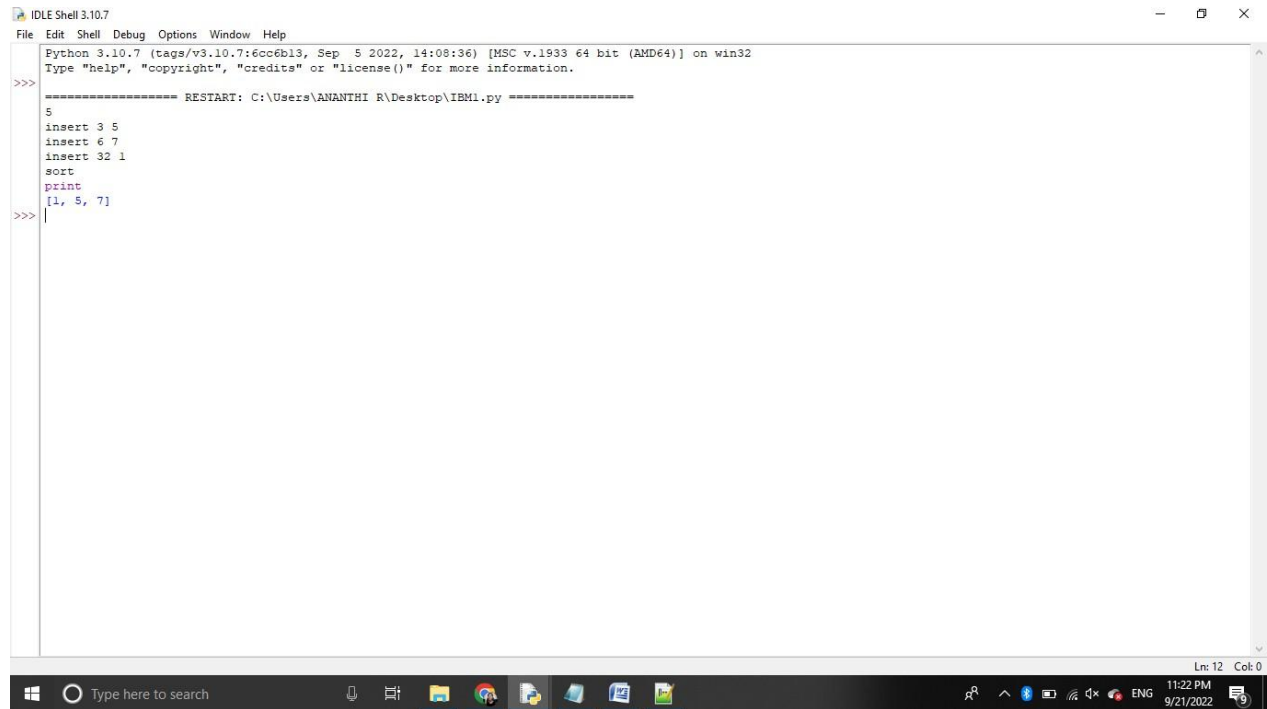**JOTHI DEETSHIHA D**

ROLLNO: 49621915034

Assignment:-(Module-3 Python)

1)

```
n=int(input())

list=[]

for i in range(0,n):

        a=input().split() if

        a[0]=="insert":

                list.insert(int(a[1]),int(a[2])) elif

        a[0]=="print":

                print(list)

        elif a[0]=="remove":

                 list.remove(int(a[1]))

        elif a[0]=="append":

                 list.append(int(a[1]))

        elif a[0]=="sort":

                list.sort()

        elif a[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]
>>> |
                                                                              Ln: 12  Col: 0
```

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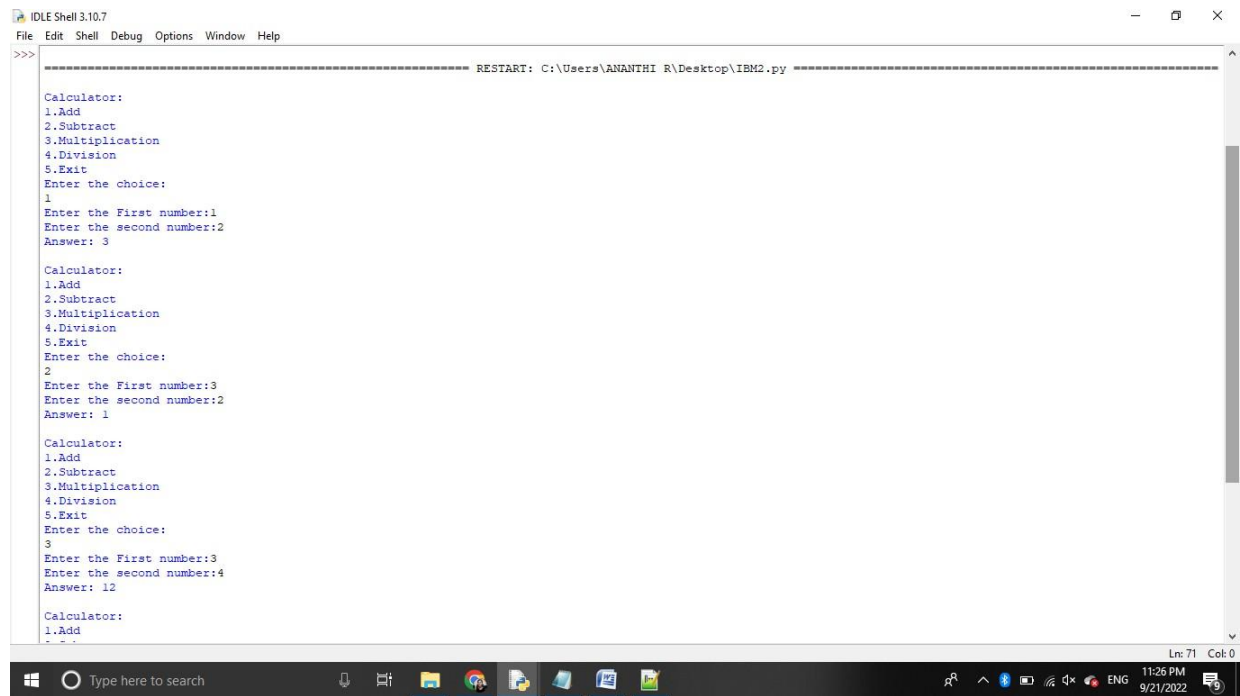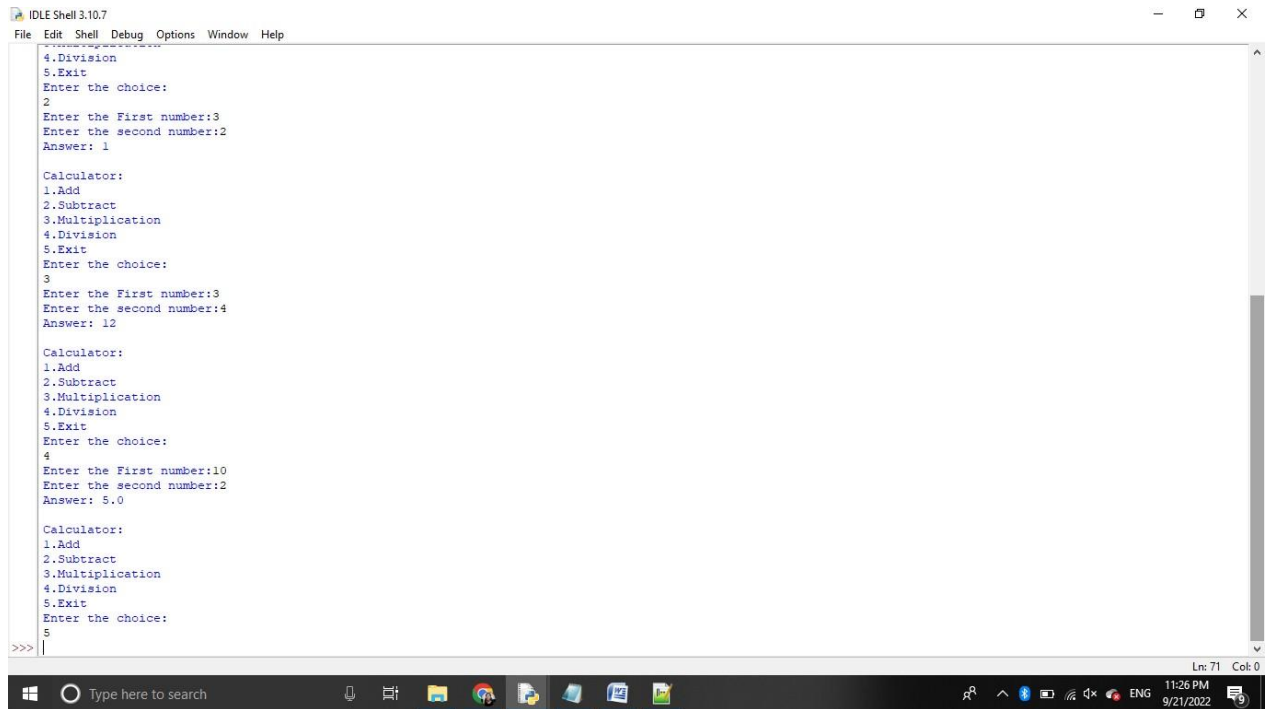
```
elif(n==3):

    print("Answer:",n1*n2)

elif(n==4):

    print("Answer:",n1/n2)

else:

    break
```

OUTPUT:-

```
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="deekshi"

s2="jungkook"

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\Dell\Desktop\list.py ===================
String-1:  deekshi
String-2:  jungkook
Concatenate:  deekshijungkook
String reverse:  ihskeed
String Slice:  ng
>>>
```