

**Yogesh V**

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**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:-**

```
PROBLEMS  OUTPUT  TERMINAL  JUPYTER  DEBUG CONSOLE
PS C:\Users\HP-PC\Downloads> i:: cd 'i:\IBM'; & 'C:\Users\HP-PC\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\HP-PC\.vscode\extensions\ms-python.python-2022.14.0\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50376' '--' 'i:\IBM\prgm1.py'
4
insert 9 3
insert 7 1
sort
print
[1, 3]
PS I:\IBM> █
```

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:-**

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

```
Calculator:  
1.Add  
2.Subtract  
3.Multiplication  
4.Division  
5.Exit  
Enter the choice:  
2  
Enter the First number:7  
Enter the second number:4  
Answer: 3
```

```
Calculator:  
1.Add  
2.Subtract  
3.Multiplication  
4.Division  
5.Exit  
Enter the choice:  
3  
Enter the First number:2  
Enter the second number:4  
Answer: 8
```

```

Calculator:
1.Add
2.Subtract
3.Multiplication
4.Division
5.Exit
Enter the choice:
3
Enter the First number:2
Enter the second number:4
Answer: 8

Calculator:
1.Add
2.Subtract
3.Multiplication
4.Division
5.Exit
Enter the choice:
4
Enter the First number:8
Enter the second number:2
Answer: 4.0

Calculator:
1.Add
2.Subtract
3.Multiplication
4.Division
5.Exit
Enter the choice:
5
PS I:\IBM>

```

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:-**

```

PS I:\IBM> i:; cd 'i:\IBM'; & 'C:\Users\HP-PC\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\HP-PC\.vscode\extensions\ms-python.python-2022.14.0\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50766' '--' 'i:\IBM\prgm3.py'
String-1: yogesh
String-2: yogi
Concatenate: yogeshyogi
String reverse: hsegoy
String Slice: gi
PS I:\IBM>

```