```
#1
firstname=input("input your first name: ")
lastname=input("input your last name: ")
print("hello "+lastname+""+firstname)
```

```
input your first name: srivetha
input your last name: nandhini
hello nandhinisrivetha
```

```
#2 adding two floating numbers:
num1=input("enter the fist number: ")
num2=input("enter the second number: ")
#add two numbers
sum=float(num1)+float(num2)
print(sum)
```

```
enter the fist number: 0.2
enter the second number: 3.14
3.3400000000000003
```

```
#take input character input from the user
a=input("enter any character: ")
#check for vowel and consonant.
if(a=='A',a=='a',a=='E',a=='e',a=='I',a=='i',a=='O',a=='o',a=='U',a=='u'):
  print(a,"is a vowel.")
else:
  print(a,"is a consonant")
```

```
enter any character: e
e is a vowel.
```

```
#4
li=[1,2,4,5,6]
#a.to find length:
print(len(li))
#b.to find datatype:
print(type(li))
```

```
5
<class 'list'>
```

```
#5to find first item in a tuple:
fruits=("apple","banana","cherry")
fruits[0]
```

```
'apple'
```

```
#6unpacking of tuples:
marks=(90,89,78)
(m1,m2,m3)=marks
print(m1)
print(m2)
print(m3)
```

```
90
89
78
```

```
#7 to insert the sum of values at the end of the list:
list1=[1,2,3,4,5,6,7,8,9,10]
list2=list1+[55]
print(list2)
```

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 55]
```

```
#8
text='encyclopaedia'
#a lowercase to uppercase
print(text.upper())
#b to check alphanum or not
print(text.isalnum())
#c to check lowercase or not
print(text.islower())
#d to check it is alphatic or not
```

```
print(text.isalpha())
```

```
ENCYCLOPAEDIA
True
True
True
```

```
#9to get five person name continuously
name=("john","kumar","prem")
(n1,n2,n3)=name
print(n1)
print(n2)
print(n3)
```

```
john
kumar
prem
```

```
#10
import array as arr
a=arr.array('i',[1,2,3])
for i in range(0,3):
  print(a[i],end="")
  print()
```

```
1
2
3
```

✓ 0s completed at 8:27 PM