

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

    input your first name: giridharan
    input your last name: murali
    hello muraligiridharan

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

    enter the first number: 0.6
    enter the second number: 9.0
    9.6

#3
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: a
    a 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'>

#5
fruits=("apple","banana","cherry")
fruits[0]

    'apple'

#6
marks=(90,89,78)
(m1,m2,m3)=marks
print(m1)
print(m2)
print(m3)

    90
    89
    78

#7
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
print(text.upper())
#b
print(text.isalnum())
```

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

```
    ENCYCLOPAEDIA
```

```
    True
```

```
    True
```

```
    True
```

```
#9
```

```
name=("giri","murali","swamy")
```

```
(n1,n2,n3)=name
```

```
print(n1)
```

```
print(n2)
```

```
print(n3)
```

```
    giri
```

```
    murali
```

```
    swamy
```

```
#10
```

```
import array as arr
```

```
a=arr.array('i',[10,20,30])
```

```
for i in range(0,3):
```

```
    print(a[i],end="")
```

```
    print()
```

```
↪ 10
```

```
    20
```

```
    30
```