

In []:

```
a=10.112
b=2345
a+b
```

Out[]:

2355.112

In []:

```
a=input()
```

Palash

In []:

```
print(a)
```

10.112

In []:

```
x="Palash"
y=123
x+str(y)
```

Out[]:

'Palash123'

In []:

```
a=10
if(a==10):
    print("YES")
    print("aisdn",end=" ")
    print("ads")
else:
    print("103022")
```

YES**aisdn ads

In []:

```
if(a==10){
    print("infe")
    else{
        if(a<10){
            print("fsfvv")
        }
        else{
            print("fafa")
        }
    }
}
```

In []:

```
if(a==10):
    print("infe")
elif(a<10):
    print("ainf")
elif(a>10):
    print("Afa")
else:
    print("afaf")
```

In []:

```
for(int i=10;i>0;i--){  
}
```

In []:

```
n=10  
for i in range(n):  
    print(i**4)
```

```
0  
1  
16  
81  
256  
625  
1296  
2401  
4096  
6561
```

In []:

```
n=input() #string  
print(type(n))
```

```
9  
<class 'str'>
```

In []:

```
n=int(input())  
print(n+10)
```

```
301  
311
```

In []:

```
a,b,c,d=map(float,input().split())
```

```
10 20 30.10 239
```

In []:

```
print(a,b,c,d)
```

```
10.0 20.0 30.1 239.0
```

In []:

```
#Array  
a=[10,20,30,40]
```

In []:

```
a=list(map(int,input().split()))
```

```
10 20 30 50 20 0101 120
```

In []:

```
print(a)
```

```
[10, 20, 30, 50, 20, 101, 120]
```

In []:

```
a.append(int(40))
```

In []:

```
a
```

Out[]:

```
[10, 20, 30, 50, 20, 101, 120, 40]
```

In []:

```
print(len(a))
```

```
8
```

In []:

```
a.sort(reverse=True)
```

In []:

```
a
```

Out[]:

```
[120, 101, 50, 40, 30, 20, 20, 10]
```

In []:

```
a=a[::-1]
```

In []:

```
print(a)
```

```
[10, 20, 20, 30, 40, 50, 101, 120]
```

In []:

```
a.insert(0,1121)
```

In []:

```
a
```

Out[]:

```
[1121, 10, 20, 20, 30, 40, 50, 101, 120]
```

In []:

```
a.pop()
```

Out[]:

```
120
```

In []:

```
a
```

Out[]:

```
[1121, 10, 20, 20, 30, 40, 50, 101]
```

In []:

```
a.pop(3)  
print(*a)
```

```
1121 10 20 30 40 50 101
```

In []:

```
a.remove(20)
print(a)
```

```
[1121, 10, 30, 40, 50, 101]
```

```
In [ ]:
```

```
a.reverse()
```

```
In [ ]:
```

```
len(a)
```

```
Out[ ]:
```

```
6
```

```
In [ ]:
```

```
sum(a)
```

```
Out[ ]:
```

```
1352
```

```
In [ ]:
```

```
#String
a=input()
```

```
Palash
```

```
In [ ]:
```

```
print(a)
```

```
Palash
```

```
In [ ]:
```

```
len(a)
```

```
Out[ ]:
```

```
6
```

```
In [ ]:
```

```
x=a+" Bajpai"
```

```
In [ ]:
```

```
x
```

```
Out[ ]:
```

```
'Palash Bajpai'
```

<https://www.w3resource.com/python-exercises/python-basic-exercises.php>