In [2]:
```
a=9859484394
b=992384928
a+b
```

Out[2]: 10851869322

In [3]:
```
a-b
```

Out[3]: 8867099466

In [4]:
```
a/b
```

Out[4]: 9.935141209641587

In [5]:
```
a//b
```

Out[5]: 9

In [7]:
```
a%b
```

Out[7]: 928020042

In [8]:
```
a*9
```

Out[8]: 88735359546

In [9]:
```
b*9
```

Out[9]: 8931464352

In [10]:
```
a==b
```

Out[10]: False

In [11]:
```
a>b
```

Out[11]: True

In [12]:
```
a,b
```

Out[12]: (9859484394, 992384928)

In [13]:
```
a<b
```

Out[13]: False

In [14]:
```
a>b and a<b
```

Out[14]: False

In [15]:
```
a>b or a<b
```

Out[15]: True

In [16]:
```
a+b > a-b
```

Out[16]: True

In [19]:
```
print ("a+b:",a+b)
print ("a-b:",a-b)
print ("a*b:",a*b)
print ("a/b:",a/b)
```

```
a+b: 10851869322
a-b: 8867099466
a*b: 97844037104568136 32
a/b: 9.935141209641587
```

In [20]:
```
print (f"addition of {a} and {b}:",a+b)
```

```
addition of 9859484394 and 992384928: 10851869322
```

In [28]:
```
print ('difference between {} and {} is {}'.format(a,b,a-b))
print ("a*b:",a*b)
print ("a/b:",a/b)
```

```
difference between 9859484394 and 992384928 is 8867099466
a*b: 9784403710456813632
a/b: 9.935141209641587
```

In [30]:
```
n=18
r=-n
print("unary of n:",r)
```

```
unary of n: -18
```

In [35]:
```
list1 = [1, 20, 3]
list2 = [1, 2, 30]
r=list1==list2
print("result is:",r)
```

```
result is: False
```

In [37]:
```
list1 = [1, 2, 3]
list2 = [1, 2, 3]
r=list1 is list2
print("result is:",r)
```

```
result is: False
```

In [38]:
```
a=10
b=10
c=a is b
print(c)
```

```
True
```

In [40]:
```
a=5
b=5
c=a<b
d=not c
print(d)
```

```
True
```

In [41]:
```
a=5
b=10
print(a^b)
```

```
15
```

In [42]:
```
print (bin(a,b))
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[42], line 1
----> 1 print (bin(a,b))

TypeError: bin() takes exactly one argument (2 given)
```

In [43]:
```
print (bin(a))
print (bin(b))
```

```
0b101
0b1010
```

In [49]:
```
values = [1,2,3,4,5,6,7,8,9,10]
x=1 in values
y= 1 not in values
print(x^y)
```

```
True
```

In [58]:
```
a="survey"
b="r"
c=b in a
d="z"
e=d not in a
print(f"{b} is present in {a} and {d} is present in {a} :",c , e)
print("r" in a)
print ("r" not in a)
```

```
r is present in survey and z is present in survey : True True
True
False
```

In [50]:
```
x=9
x+=3
x-=6
x*=2
x/=3
print(x)
```

```
4.0
```

In [78]:
```
f="nameofthecompany"
f[4]
x= "true" if f[4]=='o' else "false"
y=f[4:10]
print(x,y)
```

```
true ofthec
```

In [ ]:
```

```