In [1]:
```python
a=10
a=12
print(a)
```

12

In [2]:
```python
a=12
a=12.223
print(a)
```

12.223

In [3]:
```python
a=12
type(a)
```

Out[3]: int

In [4]:
```python
city="L0dhran"
type(city)
```

Out[4]: str

In [8]:
```python
first_name="Rana"
last_name="Saeed"
print(first_name + last_name)
```

RanaSaeed

In [9]:
```python
num1=100
num2=200
sum=num1+num2
print(sum)
```

300

In [10]:
```python
num1=100
num2=200
sum=num1-num2
print(sum)
```

-100

In [11]:
```python
num1=100
num2=200
sum=num2-num1
print(sum)
```

100

In [12]:
```python
value=200
number=25.5
result=value-number
print(result)
```

174.5

In [13]:
```python
value1=100
value2=100
result=value1*value2
print(result)
```

10000

In [14]:
```python
value1=100
value2=100
result=value1/value2
print(result)
```

1.0

In [18]:
```python
value1=100
value2=100
result=value1//value2
print(result)
```

1

In [19]:
```python
value1=100#..............##what is this 100/200=0.5    not a zero
value2=200
result=value1//value2      # this is for // duble slash
print(result)
```

0

In [20]:
```python
# number1="23344"      #  in string the valure are not adding  while in string
the value are concetination
value1="83943"
result=number1+value1
print(result)
```

2334483943

If Else Statement

In [22]:
```python
number=100
value=200
if number<value:
    print("RANA")
    print("Saeed")
    print("MCS,AI")
print("HI Everyone")
```

```
RANA
Saeed
MCS,AI
HI Everyone
```

In [27]:
```python
a=12
b=20
if a>b   :
    print("Hi Everyone")
    print("waw")
print("RANA SAEED")
```

```
RANA SAEED
```

In [ ]:
```python
# END OF IF ELSE
```