

Operators

- airthmetic operations

```
In [4]: print('Addition -', 3+4)
        print('Substraction -', 6-4)
        print('multiplication -', 2*5)
        print('Division -', 4/2)
        print('Division -', 7/2)
        print('Division -', 7//2)
        print('Modulous -', 15%2)
        print('Exponential -', 3**4)
```

```
Addition - 7
Substraction - 2
multiplication - 10
Division - 2.0
Division - 3.5
Division - 3
Modulous - 1
Exponential - 81
```

```
In [5]: a = 5
        b = 2

        total = a + b
        difference = a -b
        product = a * b
        division = a/ b
        floor_division = a//b
        remainder = a%b
        exponential = a **b

        print('total', total)
        print('difference', difference)
        print('product',product)
        print('division', division)
        print('floor division', floor_division)
        print('reminder', remainder)
        print('exponential', exponential)
```

```
total 7
difference 3
product 10
division 2.5
floor division 2
reminder 1
exponential 25
```

```
In [9]: radius=3
        areaofcircle=3.14*3**2
        print(areaofcircle)
```

```
28.26
```

```
In [11]: perimeterofcircle=3*3.14*radius  
print(perimeterofcircle)
```

28.259999999999998

```
In [13]: length=25  
width=15  
areaoftriangle=length*width  
print(areaoftriangle)
```

375

```
In [15]: print(5>3)  
print(5<3)  
print(5==3)  
print(5!=2)  
print(5>=3)  
print(5<=3)
```

True
False
False
True
True
False

```
In [ ]:
```