ADDITION

```
11+17
```

```
28
```

```
a=44
b=85
a+b
```

```
129
```

SUBTRACTION

```
999-536
```

```
463
```

MULTIPLICATION

```
66*98
```

```
6468
```

```
a=19
b=98
a*b
```

```
1862
```

DIVISION

```
12/6 # Float division
```

```
2.0
```

```
12//6 # integer division
```

```
2
```

```
36%6
```

```
0
```

```
8 + 'nit' # integer + string
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
/tmp/ipython-input-14-1058829515.py in <cell line: 0>()
----> 1 8 + 'nit'

TypeError: unsupported operand type(s) for +: 'int' and 'str'
```

```
8 + '8'
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
/tmp/ipython-input-1-1519022858.py in <cell line: 0>()
----> 1 8 + '8'

TypeError: unsupported operand type(s) for +: 'int' and 'str'
```

```
'nit'+'nit' # string + string
```

```
'nitnit'
```

```
' nit ' ' nit '
```

```
' nit  nit '
```

```
print('nit' 'nit')
```

```
nitnit
```

```
9 * 'nit'
```

```
'nitnitnitnitnitnitnitnitnit'
```

```
9 * 'nit'+'nit'
```

```
'nitnitnitnitnitnitnitnitnitnit'
```

```
9 * ' nit '
```

```
' nit  nit  nit  nit  nit  nit  nit  nit  nit '
```

```
"Hello student's , welcome to 'NARESH IT'" # multi line string
```

```
'Hello student's , welcome to 'NARESH IT''
```

```
print('c:\nit') # it will print in next line
```

```
c:
it
```

```
print(r'c:\nit') # raw string means it detect the path location
```

```
c:\nit
```

RANGE

```
range(0,50)
```

```
range(0, 50)
```

```
print(range(0,50))
```

```
range(0, 50)
```

```
list(range(0,50))
```

```
[0,
 1,
 2,
 3,
 4,
 5,
 6,
 7,
 8,
 9,
 10,
 11,
 12,
 13,
 14,
 15,
 16,
 17,
 18,
 19,
 20,
 21,
 22,
 23,
 24,
 25,
 26,
```

```
        27,
        28,
        29,
        30,
        31,
        32,
        33,
        34,
        35,
        36,
        37,
        38,
        39,
        40,
        41,
        42,
        43,
        44,
        45,
        46,
        47,
        48,
        49]
```

```
list (range(5 , 100 , 5))
```

```
[5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95]
```