

# BASIC CODE

## INTRODUCTION

```
In [3]: print(3 + 2)    # addition(+)  
        print(3 - 2)    # subtraction(-)  
        print(3 * 2)    # multiplication(*)  
        print(3 / 2)    # division(/)  
        print(3 ** 2)   # exponential(**)  
        print(3 % 2)    # modulus(%)  
        print(3 // 2)   # Floor division operator(//)
```

```
5  
1  
6  
1.5  
9  
1  
1
```

## Checking data types

```
In [6]: print(type(10))           # Int  
        print(type(3.14))        # Float  
        print(type(1 + 3j))       # Complex  
        print(type('yashwanth kumar')) # String  
        print(type([1, 2, 3]))    # List  
        print(type({'name': 'YASHU'})) # Dictionary  
        print(type({9.8, 3.14, 2.7})) # Set  
        print(type((9.8, 3.14, 2.7))) # Tuple  
        print(type(3 == 3))       # Bool  
        print(type(3 >= 3))       # Bool
```

```
<class 'int'>  
<class 'float'>  
<class 'complex'>  
<class 'str'>  
<class 'list'>  
<class 'dict'>  
<class 'set'>  
<class 'tuple'>  
<class 'bool'>  
<class 'bool'>
```

```
In [ ]:
```

```
In [ ]:
```