

Introduction

Day 1 - 30DaysOfPython Challenge

```
In [2]: print(3 + 2) #addition
```

5

```
In [4]: print(3-2) #subtraction
```

1

```
In [6]: print(3*2) #multiplication
```

6

```
In [8]: print(3/2) #division
```

1.5

```
In [10]: print(3//2) #floor division operator
```

1

```
In [12]: print(3%2) #modulus
```

1

```
In [14]: print(3**2) #exponential
```

9

Checking data types

```
In [17]: print(type(10)) #int
```

<class 'int'>

```
In [19]: print(type(3.90)) #float
```

<class 'float'>

```
In [21]: print(type(8.9 + 5j)) #complex
```

<class 'complex'>

```
In [23]: print(type('ratna')) #string
```

<class 'str'>

```
In [29]: print(type([1, 2, 3])) #list
```

<class 'list'>

```
In [31]: print(type({'name': 'ratna'})) #dictionary
```

<class 'dict'>

```
In [33]: print(type({2.7, 89.90,67.7,89})) #set
```

<class 'set'>

```
In [37]: print(type((45,78,9.0))) #tuple
```

<class 'tuple'>

```
In [41]: print(22/2 == 11) #bool
```

True

```
In [45]: print(3/8 == 7) #bool
```

False

```
In [ ]:
```