Data Type lesson

In [3]:
```python
num_char = len(input("what is Your name?"))
new_num_char=str(num_char)# convert into string
print("Your name has "+ new_num_char + " Characters.")
```

```
what is Your name? Abbas khan
Your name has 12 Characters.
```

Float

In [6]:
```python
a= float(123)
print(type(a))
```

```
<class 'float'>
```

Data type Conversion

In [7]:
```python
print(70+ float("100.99"))
```

```
170.99
```

In [9]:
```python
print(str(70)+str(1000))
```

```
701000
```

Rule For Integers

PEMDAS

Prenthisis ()

Exponents **

Multiplication *

Division /

Addition +

subtraction - left to right

In [18]:
```python
print(3 *3+3 /3 - 3)
```

```
7.0
```

Flooor Division

In [19]:
```python
4//2
```

Out[19]: 2

In [21]:
```python
score =0

# user score a point
score+=1
print(score)
```

1

F strings

I love this f............

In [23]:
```python
print(" Your Score is " + str(score)) #  not a good way
```

Your Score is 1

In [27]:
```python
score = 0
height= 1.8
isWinning = True
#f strings
print(f"your score is {score}, your height is {height},you are wining is {isWinning}")
```

your score is 0, your height is 1.8,you are wining is True