

# Type Casting

**Type Casting** means to **convert one data type to another data type**.

## **type() Function:**

- **type()** function is used to **show the type/class of data** that stored in a variable.

## **Declare a type() function:**

type(variable\_name)

```
x = 10
y = 20

print(type(x))

# class 'int' means class of x value is integer.
.
print(type(y))

# class 'int' means class of y value is integer.
```

# Type Casting:

- Type casting is also known as **Type Conversion**.
- We Can **convert any data type** to another data type by using "**type casting**" function.



## **How to convert one data type to another data type?**

1. **Write the data type** in which do you want to convert your variable's data.
2. **Type the variable next** to the data type you want to convert.**e.g float x = 10.**

```
x = 10
y = 20.478
z = "noor"

# converting integer to float.
a = float(x)

# converting integer to string.
b = str(y)

# converting string to integer.
c = int(z)
```

