What are we goma Master today?

Type Conversion

The process of converting value of one data type (int, float, str) to another is called type conversion.

Let us see an example on code.

Python has 2 types of type conversion

1. Implicit type conversion

2. Explicit type conversion

Implicit type Conversion In Implicit type conversion, Python automatically convert one data type to another data type. Here no programmer involvement is needed. = 7.5 3 + 4.5 . **૯** ઌૢ**.** (float) ns int is automatically to float Python always convert smaller data type to larger data type to avoid data loss. Q = 10b = True c = a + b

Explicit Type Conversion

In some cases, Python will not do type.

Conversion automatically and we will have

To explicitly convert one type to another.

Such type conversion are called Explicit type conversion.

 $C = Q + L + \frac{2}{3}$

To do explicit type conversion, python gives.

w bre-defined function.

int () complex () str()

float() bool() etc.

int () junction Syntax: int (value) It rehrns an integer object converted from given value. int(3.5) = 1int (True) = 1 int ('Python') = ? int Cannot convert anything other than digits (no str, no complex) int (4.5) > &o, explicit type costing in above way . can also lead to data 1088.

float () Junction Syntax: float (value) It returns float object converted from a given value. Similar to int gloat can also only handle digit (i.e. have 10 string)

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Str () Junction

Syntax: str (ralue)

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