



Shilpa Sreekumar

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Data Types in Python — int , float, string, boolean

Datatypes are the types of data which represents a kind of value. There are many datatypes in python.

Integer

It contains positive or negative whole numbers. Eg, 1, 2, 50, -20, 10

```
num = 100
```

```
print(num)
```

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Float

It represents real numbers with floating point. Eg, 2.5, 25.23

```
fnum = 34.45
```

```
print(fnum)
```

Output

```
34.45
```

String

String contains sequence of characters. It represents by using single quotes, double quotes or triple quotes. It is denoted by the class **str**.

```
str = "My name"
```

```
print(str)
```

Output

```
My name
```

Boolean

Boolean represents **True** and **False** values. It is denoted by the class **bool**.

```
a = True
```

```
type(a)
```

Output

```
<class 'bool'>
```

The output **<class 'bool'>** indicates the variable is a **Boolean** data type.

The keywords **True** and **False** must have an Upper Case first letter. lowercase **true** and **false** returns an error.

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