

## Overview of Boolean Type

Let us get into the details related to Boolean.

Boolean typically will have True or False. In Python it is defined as bool.

You can assign boolean value by saying a = True or a = False.

All comparison operators which we will be seeing as part of the next topic will return bool type.

not can be used to get the negation of the bool value.

```
a = True
```

```
type(a)
```

```
a = False
```

```
type(a)
```

```
# Assigning 10 to i
```

```
i = 10
```

```
# Comparing i with some number
```

```
# Returns True
```

```
i == 10
```

```
True
```

```
# Comparing i with some value of type string
```

```
# Returns False
```

```
i == '10'
```

```
False
```

```
type(i == 10)
```

```
bool
```

```
type(i == '10')
```

```
bool
```

`i = 10`

`i == 10`

`True`

`not i == 10`

`False`