

# Boolean

Monday, December 13, 2021 5:08 PM

## BOOLEAN DATA TYPE

Boolean or (bool) is an expression that returns a True or a False.

If two values are compared, it is evaluated as a Boolean answer, see example:

```
In [23]: print(10 > 9)
         print(10 == 9)
         print(10 < 9)
```

```
Out[24]: True
         False
         False
```

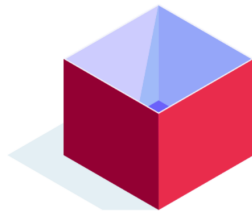
The following is a simple example of a Boolean clause using an if statement.

```
In [25]: boolean1 = True
         if boolean1 == True:
             print("boolean is true")
         else:
             print("boolean is false")
```

```
Out[26]: boolean is true
```

## Boolean

Is Box Red? TRUE



Is Box Red? FALSE



A visual example of representing a Boolean. True or False.