

# logical operators

These operators allow decisions to be made based on multiple conditions.

`a = 6 > 5`

`b = 30 == 15*3`

**and** returns **True** if *all conditions* are true

```
my_bool = a and b  
print(my_bool)  
>> False
```

**or** returns **True** if *at least one condition* is true

```
my_bool = a or b  
print(my_bool)  
>> True
```

**not** reverse the result, returns **False** if the result is true

```
my_bool = not a  
print(my_bool)  
>> False
```