



# Python If Statements

By: Aditya and Ryo



# What is an If Statement

A Python if statement **evaluates whether a condition is equal to true or false**. The statement will execute a block of code if a specified condition is equal to true. Otherwise, the block of code within the if statement is not executed.

# Syntax

1. When creating an if statement, you need to start with "if" then add ( ).
2. In the parentheses you will enter a boolean to be evaluated true or false

<, >, ==, !=

3. After the ( ) you **NEED** to put a colon! " : "
4. Then, you can put whatever it is that you want to run, if the statement runs true!

```
if( ):
```

# Lab

1. Take in an input from the user (number)
2. If the input is greater than 5, Output “Very cool”
3. Make another if statement and take in another input (string)
4. If the input equals “Mr Poole”
5. Output “is cool”

# Lab Output:

Console

Shell

```
Enter any number: 6
```

```
Very cool
```

```
Enter a name: Mr.Poole
```

```
is cool
```

```
> 
```