



Computer Science Virtual Learning

# HS Computer Science Essentials

April 29, 2020



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## Lesson: April 29, 2020

**Objective/Learning Target:**  
Python If...Else 1 of 2



## Let's Get Started:

Python supports the usual logical conditions from mathematics: equals, not equals, less than, less than or equal to, greater than, and greater than or equal to. These conditions can be used in several ways, most commonly in "if statements" and loops. An "if statement" is written by using the if keyword.

Explore the Python tutorial at:

[https://www.w3schools.com/python/python\\_conditions.asp](https://www.w3schools.com/python/python_conditions.asp)

Work through the Python If...Else subcategory.



w3schools.com

HTML CSS JAVASCRIPT SQL PYTHON PHP BOOTSTRAP HOW TO

Python Tutorial

- Python HOME
- Python Intro
- Python Get Started
- Python Syntax
- Python Comments
- Python Variables
- Python Data Types
- Python Numbers
- Python Casting
- Python Strings
- Python Booleans
- Python Operators
- Python Lists
- Python Tuples
- Python Sets

## Python Tutorial

[← Home](#)

Python is a programming language.

Python can be used on a server to create web applications.

[Start learning Python now »](#)

Be certain to try each example  
that is provided



## Learning by Examples

With our "Try it Yourself" editor, you can edit the code and view the result.

Example

```
print("Hello, World!")
```

Try it Yourself >

Click on the "Try it Yourself" button to see how it works.

Clicking on the "Try it Yourself" buttons will open a new screen that will allow you to practice what you have learned in the tutorial. The screen on the left will allow you to enter your code. Click on "Run" to see the output of your program on the right side of the screen.

```
#This is a comment.  
print("Hello, World!")
```

Hello, World!

## Practice:

At the end of this section, click on the “Start the Exercise” link within the “Test Yourself With Exercises” block.



## Python Exercises

### Test Yourself With Exercises

#### Exercise:

Insert the missing part of the code below to output "Hello World".

```
_____ ("Hello World")
```

Submit Answer »

[Start the Exercise](#)

Complete Exercises 1-4 under PYTHON If...Else and check your answers after running your programs.



## **Additional Practice:**

Click on the links below to get additional practice and to check your understanding!

[Python If/Else Tutorial](#)

[Program IZ - Python If/Else Tutorials](#)