

HS Computer Science Essentials

Lesson: 4/6/20

Learning Target:

Introduction to Python language and Syntax

Let's Get Started:

Python is a programming language that can be used on a server to create web applications. Explore the Python tutorial at:

<https://www.w3schools.com/python/default.asp>

Work through the Python HOME,
Python Intro, Python Get
Started, and Python Syntax
subcategories.



A screenshot of the Python Tutorial page on w3schools.com. The page has a dark grey navigation bar with a home icon and links for HTML, CSS, JAVASCRIPT, SQL, PYTHON (highlighted in green), PHP, BOOTSTRAP, and HOW TO. Below the navigation bar is a sidebar with a list of Python topics: Python Tutorial, Python HOME (highlighted in green), 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, and Python Sets. The main content area features the title "Python Tutorial" in a large font, a green button with a left arrow and the text "< Home", and a light green box containing the text "Python is a programming language." and "Python can be used on a server to create web applications." Below this box is another green button with the text "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.



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 1-2 under PYTHON Syntax and check your answers after running your programs.

Additional Practice:

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

[Quick Tour of the Python Language Syntax](#)

[Python Syntax Basics](#)