



Computer Science Virtual Learning

HS Computer Science

Essentials

May 8, 2020



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Lesson: May 8, 2020

Objective/Learning Target:
Python Inheritance and Modules



Let's Get Started:

Inheritance allows us to define a class that inherits all the methods and properties from another class. Parent class is the class being inherited from, also called base class. Child class is the class that inherits from another class, also called derived class.

Consider a module to be the same as a code library. A file containing a set of functions you want to include in your application. Explore the Python tutorials at:

https://www.w3schools.com/python/python_inheritance.asp

https://www.w3schools.com/python/python_modules.asp

Work through the Python Inheritance and Modules subcategories.



w3schools.com

Home 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 1-2 under PYTHON Inheritance and Exercises 1-4 under PYTHON Modules. Check your answers after running your programs.



Additional Practice:

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

[Python Inheritance](#)

[Python Modules](#)