

Computer Science Virtual Learning HS Computer Science Essentials

May 7, 2020



HS Computer Science Essentials Lesson: May 7, 2020

Objective/Learning Target: Python Lambda and Classes



Let's Get Started:

A lambda function is a small anonymous function that can take any number of arguments, but can only have one expression.

Almost everything in Python is an object, with its properties and methods. A Class is like an object constructor, or a "blueprint" for creating objects.Explore the Python tutorials at:

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

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



Work through the Python Lambda and Classes/Objects subcategories.

w3schools.com





Be certain to try each example that is provided

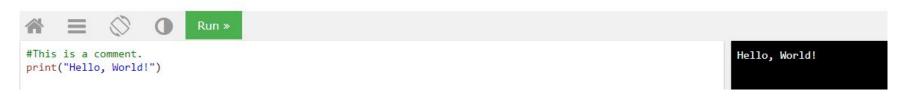
Learning by Examples

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

Example		
<pre>print("Hello, World!")</pre>		
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.

Test Yourself With Exercises			
Exercise:			
Insert the missing part of the code below to output "Hello World".			
("Hello World")			
Submit Answer »			
Start the Exercise			

Python Exercises

Complete Exercise 1 under PYTHON Lambda and Exercises 1-4 under PYTHON Classes 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 Lambda

Python Lambda w/ Examples