

Python Lesson 1.0 - Eclipse Che Setup and Data Types

Pseudo Code

- What is Pseudo Code ? Why should you know how to create Pseudo Code ?
Google Pseudo Code and be ready to explain when we meet Dec.28th.

NOTE: Think of what a receipt is to a chef for cooking or an instruction manual for a putting a bike together.

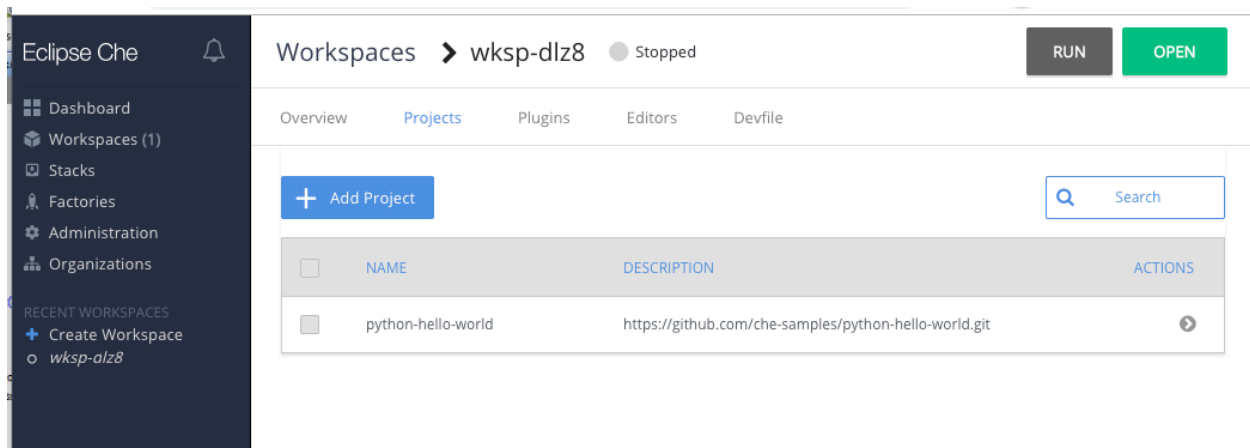
- **Test you Knowledge:**

- Create Pseudo Code for storing a name and a number and printing them out on a line with a comma between them in a python file using only comments.

Example: Goto Eclipse Che to login to an verify that you have one Python Workspace.

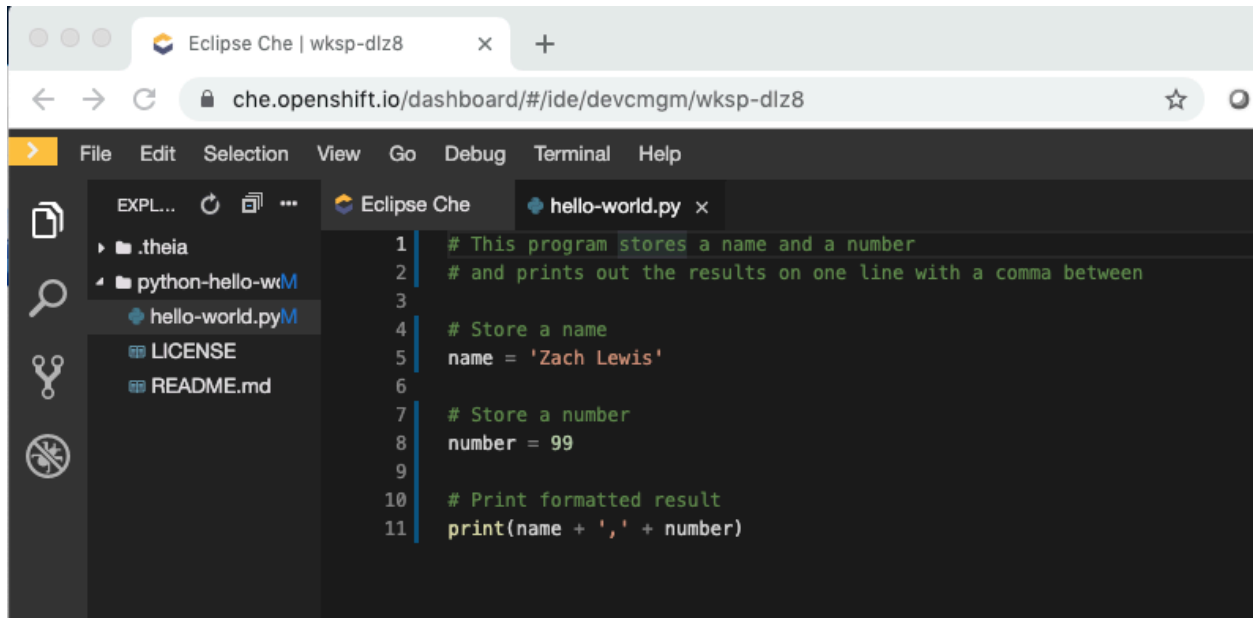
NOTE: Your name will be different. You may have to start your workspace. Click on Workspace and then project start workspace see the images below for workflow.

`https://che.openshift.io/dashboard/`



NOTE: We will verify your Eclipse Che setup if you need Dec 28th.

NOTE: My examples has an error that you must fix.:



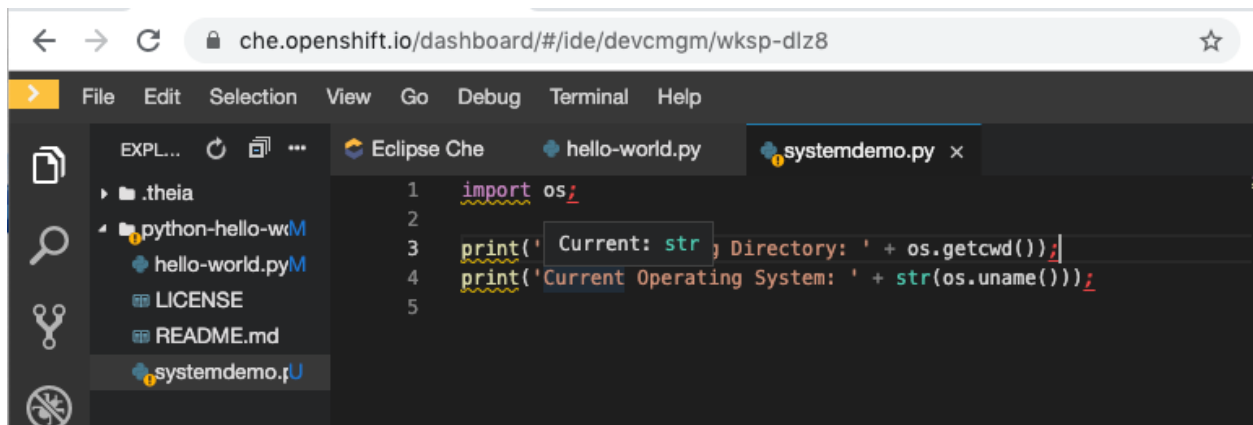
```
1 # This program stores a name and a number
2 # and prints out the results on one line with a comma between
3
4 # Store a name
5 name = 'Zach Lewis'
6
7 # Store a number
8 number = 99
9
10 # Print formatted result
11 print(name + ', ' + number)
```

NOTE: Run program and use google to find the answer

Advance Test with SYS - Modules

Modules are external Python libraries or files that contain python functions you can add to your program with the import function. The Module (OS) is one that allows you access to some system functions. Why did I have to add str to line #4

Example:



```
1 import os
2
3 print('Current: str, Directory: ' + os.getcwd());
4 print('Current Operating System: ' + str(os.uname()));
5
```