Yuliya Kalcheuskaya

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Assignment08

How did I complete the Assignment 08?

# Introduction

I continue learning Python. The document this week will describe all the steps that were taken to complete the “Assignment 08”.

As usual, before starting with the steps, I had to login to the Canvas module at the UW portal – <https://canvas.uw.edu/>.

# Execution

## Step 1

* First, I went to the “Calendar” tab and opened the link corresponding to the current assignment module (“Assignment08”).
* Then, I downloaded the “Module08 – Files and Exceptions” archive and unzipped it on my local machine.
* After that I created a new folder for storing the assignment results (“Assignments/Assignment08”).

## Step 2

Then I followed the links and watched <https://www.youtube.com/watch?v=ZnTabY0Z-XE> video:

A screenshot of a computer

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After that I replicated all the labs and listings from the video in PyCharm project.

### Lab 8-1

Creating a class with fields:

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### Lab 8-2

Using constructors in a Class:

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### Lab 8-3

Using attributes in a Class:

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### Lab 8-4

Using properties in a Class:

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### Lab 8-5

Using methods in a Class:

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## Step 3

As the following step, I read the eight chapter of the “Python Programming: Third Edition” book called “Software Objects: The Critter Caretaker Program.”

## Step 4

Then I installed GitHub Desktop for Mac and got familiar with how to use it:

<https://desktop.github.com/>

<https://www.youtube.com/watch?v=oT1QweCzHB4>

## Step 5

Then I started to work on the Python script.

### Step 5.1

First step was to create an empty project in PyCharm:

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### Step 5.2

Then I replaced the pseudo-code parts of the script with real implementation:

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### Step 5.3

Then I verified that the script is working fine by running it in PyCharm:

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### Step 5.4

As the last step, I verified that the script is working fine by running it from the Terminal:

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## Step 6

As the last step, I uploaded my files to a new GitHub public repo using the GitHub Desktop app:

<https://github.com/YKalcheuskaya/IntroToProg-Python-Mod08>

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# Summary

I keep learning new things in Python:

* I watched new video from Randal Root and completed lab exercises.
* I read the next book chapter.
* I created a new project in PyCharm and completed the Python script.
* I verified my script from both PyCharm and the Terminal.
* I uploaded my files to the GitHub public repo using GitHub Desktop app.
* Finally, I submitted the results of my work to the portal following the provided instructions.

Way to go!