Lab 3 – CodingBat

(Fall 2024)

Lab Description:

In this lab, you will solve basic problems using the Python programing language. The website for this lab (https://codingbat.com/python) uses a Test-Driven Development (TDD) approach for programming, wherein tests are written first and the programmer must then write code to pass those tests. We will learn more about Test-Driven Development later in this course.

Setup:

1. Navigate to https://codingbat.com/python

2. Select "create account" in the upper-right-hand corner of the screen.

3. Create an account using your Tennessee Tech email address.

4. After your account is created, click on the "prefs" link in the upper-right-hand corner of the screen, next to your email address. This will open your account settings.

5. Add your lead TA's email address to the Teacher Share field, then click "Share." This will allow the TA to see which exercises you have completed. The TAs for your lab section will inform you of which email address to use.

   Note: If you do not complete these Setup steps correctly, your lab cannot be graded.

Lab Instructions:

Complete the following Python exercises in CodingBat:
- List-2
- String-1
- String-2

Feel free to practice other exercises if you wish to become more familiar with the language.

Submission

You do not need to submit any material for this lab. The TA whose email address you submitted to the "Teacher Share" field can view each exercise you have completed. Simply complete the appropriate exercises by the deadline, and you will receive full credit for the lab.