

CMPS 150 – Lab 2

The following is an exercise in using your CMPS Lab account, copying files from Moodle, using the IDLE environment (editor/Python interpreter) to run your Python source code, and finally, uploading your completed lab to your TA on Moodle. This exercise will be available online on Moodle if you wish to use it again.

1. Copy/Save the lab source code file for today from the Moodle Lecture Site

Look for the file for today “lab2.py” and save the file to your machine.

2. Launch IDLE

3. Open the source code file just copied to your machine.

Select “File” from the menu bar, “Open” from the menu, then lab2.py from the list of files.

4. Edit the first two lines of the code to have **YOUR** name/ulid/section.)

```
# Author:          Your-Name
# ULID/Section:    Your-ULID & submission section-number go here
```

5. Save your changes and run your code. (you can also simply press F5)

6. Debug your code.

We have purposely inserted errors into the lab2.py code. The interpreter will produce an error, with a line number, where it detects there is a problem with your code.

Edit your source code, repeating step 5 until there are no errors and your code produces the output below.

7. Running/Testing the Code

Use the following test data to see if your code produces correct output.

```
Enter hours:  30
Enter rate:   10.50
```

```
Hours = 30.0
Rate = 10.5
Gross Pay = 315.0
```

NOTE:

Read through the comments in the code and see what they have to say.

FYI, the text at left that is bold and underlined is the input from the user.

It will not be bold and underlined when you enter your input.

8. Exit Python

Close the Python IDLE editor.
Close the Python IDLE shell.

9. Upload to Moodle

Get in a browser and login to Moodle.
Instead of going to the Lecture Section, go to YOUR specific section on the Moodle site.
Here you will see the lab for today. Click on the link for Lab #2.
Click to “Add a Submission” then “Upload a File”
Select to “Choose a File” and go about the process of browsing/finding “lab2.py” on the computer.
Select to “Upload this File”

When returned to the Upload screen, MAKE SURE to click on the “Save Changes” button.

You will be returned to the “Lab #2” screen. This time you should see your source code file listed on it.

10. Logout of Moodle.