

Lab 1 – Input / Output

Learning Objective

Write a Python program that prints output, gets user input, and uses variables.

Lab Description

Print a quote using escape characters. Get user input for the date and print a message to the user with tomorrow's date.

Steps

1. In PyCharm (Community Edition), open an existing project (such as ITP115) or create a new project.
 - If you open an existing project, then create a new directory (probably under the Labs directory) named **lab1_*last*_first** where *last* is your last/family name and *first* is your preferred first name.
 - If you create a new project, then name it **lab1_*last*_first** where *last* is your last/family name and *first* is your preferred first name.
2. In the project or directory, create a new Python file called **lab1.py**. At the top of the file, put comments in the following format and replace the name, email, and section with your actual information:

```
# Name, USC email
# ITP 115, Spring 2022
# Section: number or nickname
# Lab 1
```

3. Print the following quote including the quotation marks using escape characters:

```
"Do your little bit of good where you are; it's those little bits of
good put together that overwhelm the world."
- Desmond Tutu
```

4. Ask the user for the day of the week, month, and the date. Store each answer in a variable. Make sure to convert the date to an integer. Print a message with the day

of the week, today's date, and tomorrow's date. You are not expected to make this work for all dates. The user input is shown in green text.

Enter the day of the week: Wednesday

Enter the month: January

Enter the date: 19

Today is Wednesday, January 19.

Tomorrow will be January 20.

5. Prepare your submission:
 - Find the **lab1_last_first** folder on your computer and compress it. This cannot be done within PyCharm.
 - On Windows, use **File Explorer** to select the folder. Right click and select the Send to -> Compressed (zipped) folder option. This will create a zip file.
 - On Mac OS, use **Finder** to select the folder. Right click and select the Compress "FolderName" option. This will create a zip file.
6. Upload the zip file named **lab1_last_first.zip** to your Blackboard section:
 - On Blackboard, navigate to the appropriate item.
 - Click on the specific item for this lab.
 - Click on the **Browse Local Files** button and select the zip file.
 - Click the **Submit** button.

Additional Notes

- Each lab is worth 1 point. To earn the point, make sure your program runs correctly and that you submit it correctly.

Sample Output

"Do your little bit of good where you are; it's those little bits of good put together that overwhelm the world."

- Desmond Tutu

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