



Course Wrap-Up

by Sophia

WHAT'S COVERED

In this lesson, we will cover everything needed to finish the Python Journal and submit it as the Unit 4 Touchstone. Specifically, this lesson covers:

1. Adding Our Sixth and Final Journal Entry
2. Submitting the Python Journal
3. What's Next

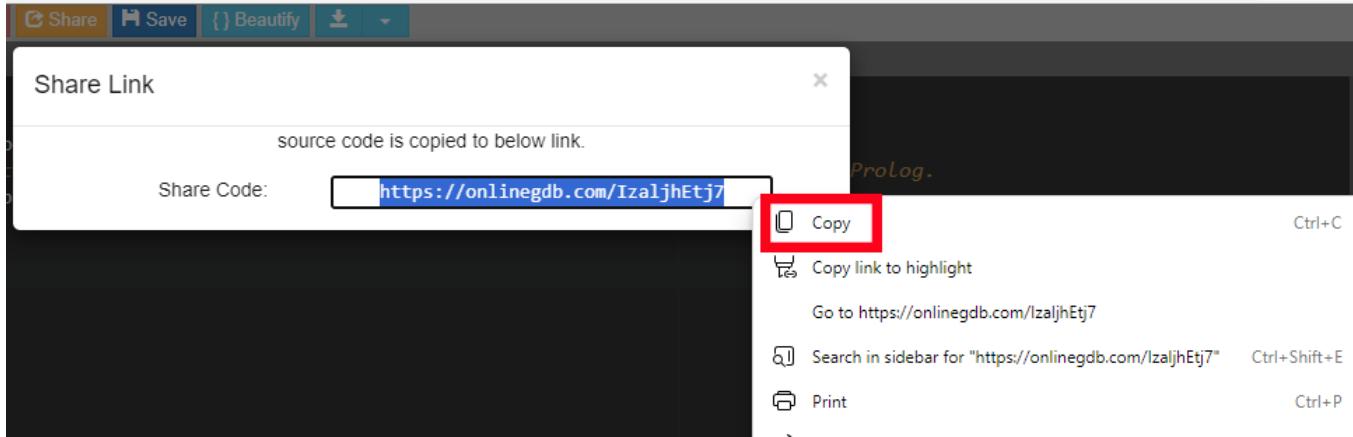
1. Adding Our Sixth and Final Journal Entry

So, your Python Journal is nearly complete! There is only one item left to add to the journal, and that is the IDE share link. Time for others to see your great work. Follow the steps below to get your IDE share link.

STEP BY STEP

1. Select the "Share" button in the top menu.
A screenshot of a Python IDE interface. At the top, there is a menu bar with several buttons: a file icon, a run icon, a debug icon, a stop icon, a share icon (which is highlighted with an orange arrow), a save icon, a beautify icon, and a download icon. Below the menu bar, the code editor shows a file named 'main.py' with a line number '1' at the bottom left.

2. When the Share link window appears, highlight the Share Code and right-click to "Copy" (Ctrl+C) the link.



3. Add this link to the first and sixth page of your Python Journal Template.

IMPORTANT: If you generate another share link, the previous link may not work anymore. Make sure that only the final share link is added to your Python Journal. If the graders cannot access your IDE Program, you will not receive a grade for this project.



TRY IT

Directions: If you are ready, review the steps above and generate your IDE share link. Add the link to both areas on your Python Journal. With the two IDE share links in place on your journal, you should be ready for submission.

If we preview the Example Python Journal Submission document, we will see a completely finished journal now that Part 6 and the first page have the link included. This journal is ready for submission.

To see the final version of this program visit [Sophia's Python code page](#)

2. Submitting the Python Journal

Now that your Python Journal is complete, let's review it first before submitting it. Make sure the following is complete:

1. Your Python Journal is a Word document; either a .doc or .docx file is accepted.
2. The first page of your journal contains your name, submission date, and the IDE share link that was generated in the topic above.
3. Double-check that all six journal entries are entered, and that you have addressed the requirements for each entry.

Note: Remember, you only have a one-time submission, so ensure your journal is complete before submitting.

Note: There is a video in the first lesson of Unit 4 (Python Touchstone Overview) that describes the process of submitting the Touchstone. Please visit the 'Help Documentation and Video' section of this lesson to watch the video if needed.

If you are ready to submit your journal, please follow the steps below to submit your Python Journal for the final Touchstone.

STEP BY STEP

Step 1: Visit the Unit 4 Touchstone: Python Final Project's page.

Units

1. PROGRAM BASICS

2. LISTS AND LOOPS

3. CLASSES

4. PROJECT

🟡 CHALLENGE 1: Planning the Algorithm

🟡 CHALLENGE 2: Coding the Algorithm

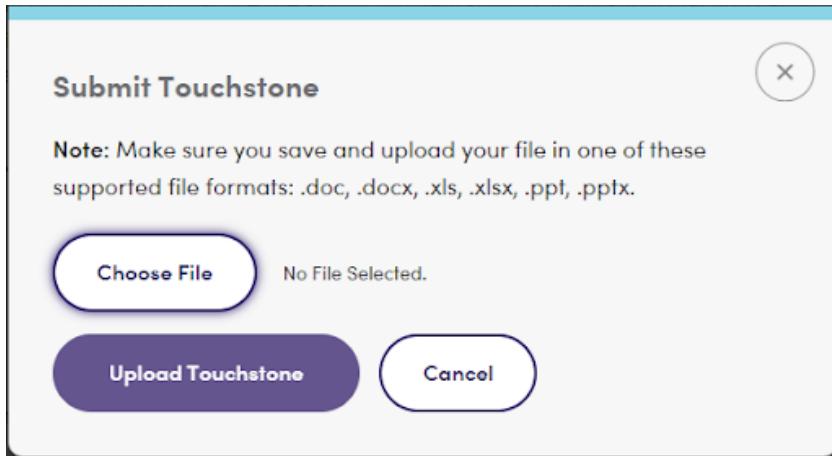
🟪 TOUCHSTONE 4: Python Final Project



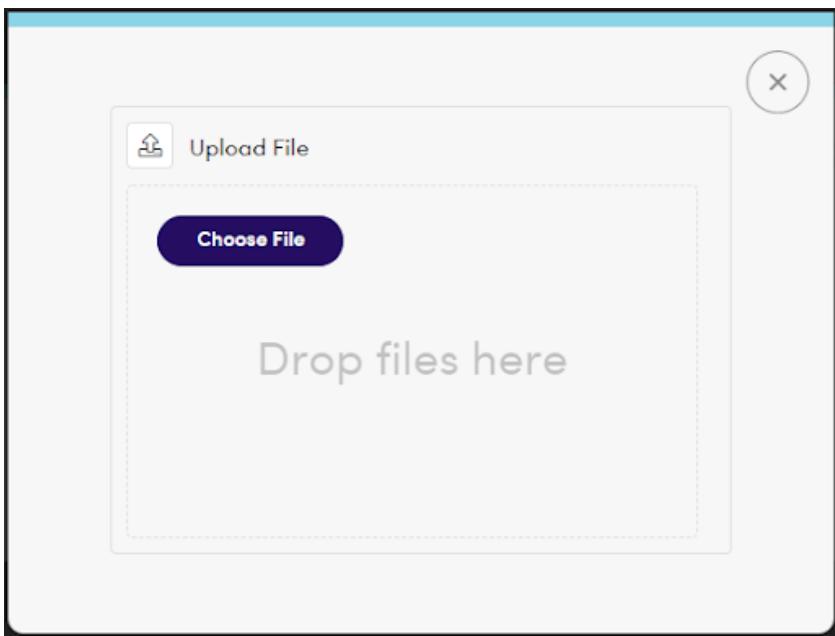
Step 2: In the top right-hand corner of the page, select the 'SUBMIT TOUCHSTONE' button.

SUBMIT TOUCHSTONE

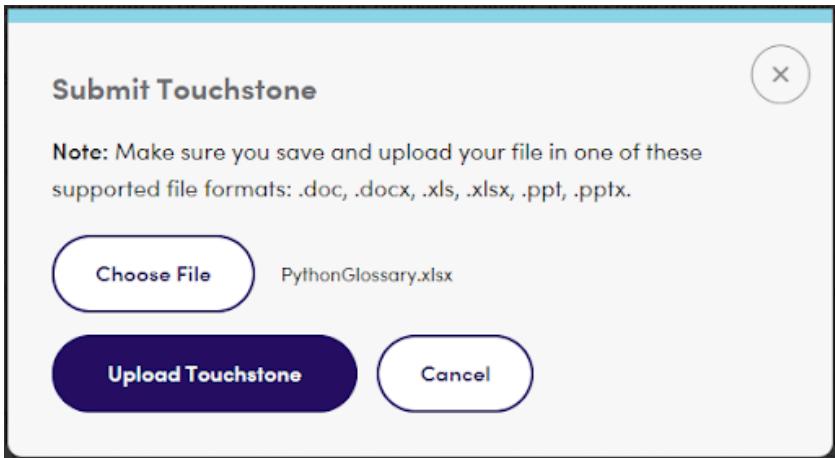
Step 3: Once the Submit Touchstone pop-up window appears, select the 'Choose File' button.



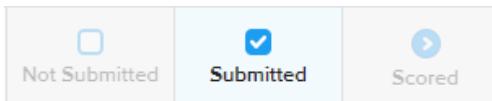
Step 4: Here you have two choices to add the journal. You can select the 'Choose File' button again to search your system for the file to add, or you can drag and drop the file to this upload feature.



Step 5: Finally, to submit the Touchstone, select the 'Upload Touchstone' button.



Note: On the top left side of the Touchstone page, you will notice three icons that indicate the status of the Touchstone. Once submitted, the 'Submitted' icon is now highlighted.



[View Submitted Touchstone](#)

TRY IT

Directions: When you have reviewed your Python Journal and feel it is complete, follow the steps above and submit your Touchstone.

3. What's Next



Congratulations on submitting your Touchstone! This also marks the completion of this course. Even though this was an introductory course to the Python programming language, this was not an easy course. You should be commended on your perseverance.

So what's next, now that you have some basic skills in Python programming?

Writing programs can be a very creative and rewarding activity. You can write programs for many reasons, ranging from making your living to solving a difficult data analysis problem to having fun to helping someone else solve a problem. And since you've completed this class, you can begin to be both the programmer and the end-user of your programs. As you gain skills as a programmer and programming feels more creative to you, your thoughts may turn toward developing programs for others.



THINK ABOUT IT

Next time that you do something that's manual, think about how you could potentially automate it to make it more efficient. There are always ways to help you avoid making constant mistakes and errors if you have to do things manually. Perhaps it could be creating a user registration list, making a fantasy football league, getting a list of guests for a party, or building a grocery list or another game. The possibilities are endless—if you can think about it, you can build it!





DID YOU KNOW

Computer programming is an art form. In fact, one of the best books on programming is called "The Art of Computer Programming" written by one of the seminal leaders of computing, Donald Knuth. He started this book, which turned into a series of them, way back in 1968, and although this is an old work now, the principles introduced in it are still applicable today. Write your programs as if you are painting a work of art. Keep them simple, but make them elegant like a work of art. The world will appreciate your contribution.



THINK ABOUT IT

Remember as well that typically, you will have many other developers to work with you so don't worry if a program seems daunting to you. A team environment can make it much easier when you're building smaller parts at a time. Go out and build some programs!



SUMMARY

In this lesson, we followed some steps to obtain our IDE share link and **added that as our sixth and final journal entry**. Since each part (all entries) is now complete, we were ready to submit the journal. After ensuring everything was filled out on the journal, we were able to **submit our Python Journal** using the steps provided and the video, if needed. Finally, we started to explore the endless possibilities of **what's next** now that we have completed a course in basic Python programming.

Again, congratulations and best of luck in your programming journey!

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