

Python for automation

Work with files in Python

- Video:** Access a text file in Python
3 min
- Reading:** Import files into Python
20 min
- Video:** Parse a text file in Python
2 min
- Lab:** Activity: Import and parse a text file
40 min
- Lab:** Exemplar: Import and parse a text file
20 min
- Video:** Develop a parsing algorithm in Python
6 min
- Lab:** Activity: Create another algorithm
50 min
- Lab:** Exemplar: Create another algorithm
20 min
- Quiz:** Portfolio Activity: Update a file through a Python algorithm
9 questions
- Reading:** Portfolio Activity Exemplar: Update a file through a Python algorithm
10 min
- Practice Quiz:** Test your knowledge: Work with files in Python
4 questions

Debug Python code

Review: Python in practice

Congratulations on completing Course 7!

Portfolio Activity Exemplar: Update a file through a Python algorithm

Here is a completed exemplar along with an explanation of how the exemplar fulfills the expectations for the activity.


Completed Exemplar

To review the exemplar for this course item, click the link and select *Use Template*.

Link to exemplar: [Update a file through a Python algorithm](#)

OR

If you don't have a Google account, you can download the exemplar directly from the following attachment.



Exemplar - Update a file through a Python algorithm
DOCX File

Assessment of Exemplar

Compare the exemplar to your completed Python portfolio activity. Focus on its examples and explanations of Python syntax, functions, and keywords and also on how it describes the project at the beginning and summarizes it at the end.

Review your work using each of the criteria in the exemplar. What did you do well? Where can you improve? Use your answers to these questions to guide you as you continue to progress through the certificate program.

Note: The exemplar represents one possible way to complete the Python portfolio activity. Your project will likely differ in certain ways. What's important is that you understand how to use Python to update the contents of a file.



The exemplar uses details from the given scenario and includes the following:

- Screenshots of Python code or typed versions of the code
- Explanations of the syntax, functions, and keywords in the code
- A project description at the beginning
- A summary at the end
- Details on using a `with` statement and the `open()` function in the algorithm
- Details on using the `.read()` and `.write()` methods in the algorithm
- Details on using the `.split()` method in the algorithm
- Details on using a `for` loop in the algorithm
- Details on using the `.remove()` method in the algorithm

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