Source Files:

Text

Description automatically generated

Requirements:

* For running the specified program only.

It can be done simply navigating to the specific path/folder from cmd

For example :





Command to execute from cmd/terminal:

***python -m PyInstaller --onefile -w main\_program.py***

Locate folder “dist” run

“main\_program.exe”.

* + No additional packages or plug-ins are necessary

Note:

If you encounter the following message when running the exe:

[**ImportError: No module named dateutil. parser**](https://stackoverflow.com/questions/20853474/importerror-no-module-named-dateutil-parser)

Check if dateutil is up to date

--upgrade to upgrade

Reinstall the dateutil package:

pip install python-dateutil --force-reinstall

* For running the source code from all the files, the following packages are required:

In **main.py:**

tkinter

dateutil

map rest of the files:

*import* save\_to\_output\_file  
*import* temperature\_conversion

In **temperature\_conversion.py**:

For running the source code for the file, the following packages are required:

*import* re

*import* math

In **save\_to\_output\_file.py**:

For running the source code for the file, the following packages are required:

*import* csv  
*from* tkinter *import* filedialog

Unit testing:

For running the source code for the file, the following packages are required:

*import* unittest  
*import* temperature\_conversion

Assertion method used:

Graphical user interface, application

Description automatically generated

How to run the test:

From terminal execute the following command:

python -m unit test unit\_testing.py (<- name of the file)



Result:

A screenshot of a computer

Description automatically generated

Code Coverage:

Execute the following command from cmd/terminal :

coverage report -m

or open file “index.html” from folder “htmlcov”

Expected result:

Graphical user interface, text, application

Description automatically generated