

IT-314

Lab 5

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Project repository link that has been used: <https://github.com/Python-World/python-mini-projects>
Steps:

- First we download pylint on our computer by opening the command prompt and typing “pip install pylint”.
- Then we download any project from github.
- We then track up to the file in our computer where we downloaded the project.
- Then we type “py -m pylint projectName.py”.

```
Microsoft Windows [Version 10.0.19044.1820]
(c) Microsoft Corporation. All rights reserved.

C:\Users\student>python --version
'python' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\student>pip install pylint
Defaulting to user installation because normal site-packages is not writeable
Collecting pylint
  Downloading pylint-2.17.0-py3-none-any.whl (535 kB)
-----
535.4/535.4 KB 6.7 MB/s eta 0:00:00
Collecting mccabe<0.8,>=0.6
  Downloading mccabe-0.7.0-py2.py3-none-any.whl (7.3 kB)
Collecting colorama<0.4.5
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting tomli>=1.1.0
  Downloading tomli-2.0.1-py3-none-any.whl (12 kB)
Collecting platformdirs>=2.2.0
  Downloading platformdirs-3.1.1-py3-none-any.whl (14 kB)
Collecting tomli<=0.10.1
  Downloading tomli-0.11.6-py3-none-any.whl (35 kB)
Collecting dill>=0.2
  Downloading dill-0.3.6-py3-none-any.whl (110 kB)
-----
110.5/110.5 KB 7 eta 0:00:00
Collecting astroid<2.17.0-dev0,>=2.15.0
  Downloading astroid-2.15.0-py3-none-any.whl (277 kB)
-----
277.7/277.7 KB 8.0 MB/s eta 0:00:00
Collecting isort<5,>=4.2.5
  Downloading isort-5.12.0-py3-none-any.whl (91 kB)
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91.2/91.2 KB 7 eta 0:00:00
Collecting typing-extensions>=4.0.0
  Downloading typing-extensions-4.5.0-py3-none-any.whl (27 kB)
Collecting wrapt<2,>=1.11
  Downloading wrapt-1.15.0-cp310-cp310-win_amd64.whl (36 kB)
Collecting lazy-object-proxy>=1.4.0
  Downloading lazy-object-proxy-1.9.0-cp310-cp310-win_amd64.whl (22 kB)
Installing collected packages: wrapt, typing-extensions, tomli, platformdirs, mccabe, lazy-object-proxy, isort, dill, colorama, astroid, pylint
  WARNING: The scripts isort.exe, pylint-config.exe, pylint.exe, pyreverse.exe and tymlar.exe are installed in 'C:\Users\student\AppData\Roaming\Python\Python310\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
  WARNING: The scripts mypylint.exe, pylint-config.exe, pylint.exe, pyreverse.exe and tymlar.exe are installed in 'C:\Users\student\AppData\Roaming\Python\Python310\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed astroid-2.15.0 colorama-0.4.6 dill-0.3.6 isort-5.12.0 lazy-object-proxy-1.9.0 mccabe-0.7.0 platformdirs-3.1.1 pylint-2.17.0 toml-2.0.1 tomli-0.11.6 typing-extensions-4.5.0 wrapt-1.15.0
WARNING: You are using pip version 22.0.4; however, version 23.0.1 is available.
You should consider upgrading via the 'C:\Program Files\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\student>cd Downloads
C:\Users\student\Downloads>cd python-mini-projects-master
C:\Users\student\Downloads\python-mini-projects-master>cd python-mini-projects-master
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master>cd projects
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects>cd "Alarm clock"
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\Alarm clock>py -m pylint alarm_clock.py
***** Module alarm_clock
alarm_clock.py:16:8: W0311: Bad indentation. Found 1 spaces, expected 4 (bad-indentation)
alarm_clock.py:17:0: W0311: Bad indentation. Found 1 spaces, expected 4 (bad-indentation)
alarm_clock.py:21:0: W0311: Bad indentation. Found 1 spaces, expected 4 (bad-indentation)
alarm_clock.py:23:0: W0311: Bad indentation. Found 2 spaces, expected 8 (bad-indentation)
alarm_clock.py:26:8: W0311: Bad indentation. Found 2 spaces, expected 8 (bad-indentation)

C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\Alarm clock>
```

Project 1

```
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\Dominant_color>cd ..
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects>cd Hello
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\Hello>py -m pylint Hello.py
***** Module Hello
Hello.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Hello.py:1:0: C0103: Module name "Hello" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 0.00/10

C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\Hello>^SS
```

Project 2

```
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\AudioBook>cd ..
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects>cd Dominant_color
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\Dominant_color>py -m pylint find-color.py
***** Module find-color
find-color.py:1:0: C0114: Missing module docstring (missing-module-docstring)
find-color.py:1:0: C0103: Module name "find-color" doesn't conform to snake_case naming style (invalid-name)
find-color.py:1:0: E0401: Unable to import 'cv2' (import-error)
find-color.py:2:0: E0401: Unable to import 'numpy' (import-error)
find-color.py:8:7: W0718: Catching too general exception Exception (broad-exception-caught)
find-color.py:10:4: R1722: Consider using 'sys.exit' instead (consider-using-sys-exit)

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Your code has been rated at 3.91/10
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Project 3

```
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\AudioBook>py -m pylint AuidoBook.py
***** Module AuidoBook.py
AuidoBook.py:1:0: F0001: No module named AuidoBook.py (fatal)

C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects\AudioBook>py -m pylint Audio-book.py
***** Module Audio-book
Audio-book.py:9:33: C0303: Trailing whitespace (trailing-whitespace)
Audio-book.py:18:0: W0311: Bad indentation. Found 3 spaces, expected 4 (bad-indentation)
Audio-book.py:19:32: C0303: Trailing whitespace (trailing-whitespace)
Audio-book.py:19:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
Audio-book.py:20:0: W0311: Bad indentation. Found 4 spaces, expected 8 (bad-indentation)
Audio-book.py:21:0: W0311: Bad indentation. Found 3 spaces, expected 4 (bad-indentation)
Audio-book.py:22:0: W0311: Bad indentation. Found 7 spaces, expected 8 (bad-indentation)
Audio-book.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Audio-book.py:1:0: C0103: Module name "Audio-book" doesn't conform to snake_case naming style (invalid-name)
Audio-book.py:3:0: E0401: Unable to import 'gtts' (import-error)
Audio-book.py:6:0: E0401: Unable to import 'PyPDF2' (import-error)
Audio-book.py:21:3: W0702: No exception type(s) specified (bare-except)
Audio-book.py:25:0: C0103: Constant name "textString" doesn't conform to UPPER_CASE naming style (invalid-name)
Audio-book.py:30:0: C0103: Constant name "language" doesn't conform to UPPER_CASE naming style (invalid-name)
Audio-book.py:9:11: R1732: Consider using 'with' for resource-allocating operations (consider-using-with)

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Your code has been rated at 0.00/10
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Project 4

```
C:\Users\student\Downloads
C:\Users\student\Downloads>cd python-mini-projects-master
C:\Users\student\Downloads\python-mini-projects-master>cd python-mini-projects-master
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master>cd projects
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects>cd "Alarm clock"
C:\Users\student\Downloads\python-mini-projects-master\python-mini-projects-master\projects>py -m pylint alarm_clock.py
***** Module alarm_clock
alarm_clock.py:16:0: W0311: Bad indentation. Found 1 spaces, expected 4 (bad-indentation)
alarm_clock.py:17:0: W0311: Bad indentation. Found 1 spaces, expected 4 (bad-indentation)
alarm_clock.py:21:0: W0311: Bad indentation. Found 1 spaces, expected 4 (bad-indentation)
alarm_clock.py:23:0: W0311: Bad indentation. Found 2 spaces, expected 8 (bad-indentation)
alarm_clock.py:26:0: W0311: Bad indentation. Found 2 spaces, expected 8 (bad-indentation)
alarm_clock.py:29:0: W0311: Bad indentation. Found 2 spaces, expected 8 (bad-indentation)
alarm_clock.py:30:0: W0311: Bad indentation. Found 2 spaces, expected 8 (bad-indentation)
alarm_clock.py:33:0: W0311: Bad indentation. Found 2 spaces, expected 8 (bad-indentation)
alarm_clock.py:34:0: W0311: Bad indentation. Found 3 spaces, expected 12 (bad-indentation)
alarm_clock.py:36:0: W0311: Bad indentation. Found 3 spaces, expected 12 (bad-indentation)
alarm_clock.py:40:0: C0325: Unnecessary parens after '*' keyword (superfluous-parens)
alarm_clock.py:10: C0114: Missing module docstring (missing-module-docstring)
alarm_clock.py:6:0: W0622: Redefining built-in 'enumerate' (redefined-builtin)
alarm_clock.py:2:0: W0401: Wildcard import tkinter (wildcard-import)
alarm_clock.py:6:0: W0401: Wildcard import threading (wildcard-import)
alarm_clock.py:15:0: C0116: Missing function or method docstring (missing-function-docstring)
alarm_clock.py:15:0: C0103: Function name "threading" doesn't conform to snake_case naming style (invalid-name)
alarm_clock.py:16:1: C0103: Variable name "t1" doesn't conform to snake_case naming style (invalid-name)
alarm_clock.py:19:0: C0116: Missing function or method docstring (missing-function-docstring)
alarm_clock.py:2:0: W0614: Unused import(s) enum, sys, types, TclError, re, wantObjects, TkVersion, TclVersion, READABLE, WRITABLE, EXCEPTION, EventType, Event, NoDefaultRoot, Variable, IntVar, DoubleVar, BooleanVar, mainloop, getint, getdouble, getboolean, Misc, CallWrapper, XView, YView, Wm, Tcl, Pack, Place, Grid, BaseWidget, Widget, Toplevel, Canvas, Checkbutton, Entry, Listbox, Menu, Menubutton, Message, Radiobutton, Scale, Scrollbar, Text, Image, PhotoImage, BitmapImage, image_names, image_types, Spinbox, LabelFrame, PanedWindow, NO, FALSE, OFF, YES, TRUE, ON, N, S, W, E, NW, SW, NE, SE, NS, EW, NSEW, CENTER, NONE, X, Y, BOTH, TOP, RIGHT, BOTTOM, RAISED, SUNKEN, FLAT, RIDGE, GROOVE, SOLID, HORIZONTAL, VERTICAL, NUMERIC, CHAR, WORD, BASELINE, INSIDE, OUTSIDE, SEL, SEL_FIRST, SEL_LAST, END, INSERT, CURRENT, ANCHOR, ALL, NORMAL, DISABLED, ACTIVE, HIDDEN, CASCADE, CHECKBUTTON, COMMAND, RADIOBUTTON, SEPARATOR, SINGLE, BROWSE, MULTIPLE, EXTENDED, DOTBOX, UNDERLINE, PIESLICE, CHORD, ARC, FIRST, LAST, BUTT, PROJECTING, ROUND, BEVEL, MITER, MOVETO, SCROLL, UNITS and PAGES from wildcard import of tkinter (unused-wildcard-import)
alarm_clock.py:6:0: W0614: Unused import(s) functools, get_ident, get_native_id, ThreadError, TIMEOUT_MAX, setprofile, getprofile, settrace, gettrace, Lock, RLock, Condition, Semaphore, BoundedSemaphore, Barrier, BrokenBarrierError, ExceptionHookArgs, excepthook, Timer, current_thread, active_count, activeCount, enumerate, main_thread, WeakSet, namedtuple, stack_size, local and lock from wildcard import of threading (unused-wildcard-import)

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Your code has been rated at 4.75/10
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