

# Test 2, Sunday Nov 1, 2020, worth 15%

START WORK: 12pm

ENDWORK: 1:30pm

You have up to 10 min to submit.

Brightspace submission server will close at 1:40pm

## TEST 2: (integrity) rules:

1. Copyright information and warning: All the content of this test (including the provided code) is copyrighted by its creators (the professors in this course). You are forbidden to share any part of this test in private or on the internet; doing so will constitute an infringement of copyright and will be treated as an academic fraud.
2. This is a CLOSED BOOK EXAM with the following exception: You may use without referencing anything posted on Brightspace (so anything we did in labs, lectures, assignments, discussion forum... This includes lab and assignment solutions), anything from the textbook and any documentation from python.org.
3. You are not allowed to use anything else (i.e. anything not listed under rule 2.) during the test.
4. You are also not allowed to communicate in any way with any individual during the test.
5. Late submissions will not be accepted. Do not forget about the time change in Canada on Sunday, 1st of Nov, 2020. Being late due to the time change will not be accepted as a valid excuse for missing the test.

By submitting your Test 2, you are confirming that you understand all of the above rules and that you accept all of them. In addition, test2\_XXXXXX.py starts with an integrity statement. You must put your name in the comments under the statement as a way of signing the statement.

## TEST 2: Monitoring and Academic Fraud detection

- During the test the following will be monitored by TAs:  
ITI1120 discord servers, **chegg** web page, stack **overflow** web page
- You test solutions will be compared using similarity measuring software

## TEST 2: Logistics

- Test 2 will be released on Brightspace at noon on Sunday, 1st of Nov, 2020
- The Brightspace server for Test 2 will be closed at 1:40 on Sunday, 1st of November.
- You must monitor your uOttawa email during the test (in case there are some corrections)
- There will be no zoom session
- The test is worth 30 points. There are two functions worth 10 point each, one function worth 5 points and the required code in the main is worth 5 points.

## Python: “What can I use rules”:

You **cannot** use any of the following:

- replace method from **str** module.
- sets
- dictionaries
- global variables in the body of your functions
- keyword break

## TEST 2:

This test has 3 files: test2.pdf, test2\_XXXXXX.py, and test2\_Runs.txt

Everything that needs to be coded for Test 2 is explained in test2\_XXXXXX.py inside of the docstrings or in the comments in the main. Test cases and test runs are given in the docstrings and in the file test2\_Runs.txt.

Replace XXXXXX in the file name, test2\_XXXXXX.py, with your student number. All of your code for Test 1 must go inside of that file in clearly labeled spaces. No part of the given code can be modified in any way. Only keywords pass can be removed.

Once you are done and BEFORE the deadline submit just test2\_XXXXXX.py to Brightspace - under Test 2 (just like you did for Test 1). As always, you can make multiple submissions, but only the last submission before the deadline will be graded. If you have something to reference, submit also a file declaration-YOUR-FULL-NAME.txt.

For what needs to be in this file recall what is written in Assignments 2 - 4.

Your program must run without syntax errors. In particular, when grading your test, TAs will first open your file test2\_XXXXXX.py with IDLE and press Run Module. If pressing Run Module causes any syntax error, the grade becomes zero. Furthermore, for each of the functions I have provided one or more tests to

test your functions with. You can find test cases in docstrings of the functions in `test2_XXXXXX.py`. You can find test runs (for the main) in `test2_Runs.txt`. To obtain a partial mark your function may not necessarily give the correct answer on these tests. But if your function gives any kind of python error when run on the given tests, that question will be marked with zero points.