

Comments:

Note: If your `project2.py` does not run on the Olin 326 machine on IDLE, the grader will automatically give you a total score of 1 point (for writing the information at the top of your file). You can use a token to resubmit your project.

Otherwise, you will earn one point for each of the following accomplishments. A minor error results in a 1/2 deduction.

1. ____ At the top of your `project2.py` file, you have included the names of both partners, credit, and description, as demonstrated in the `project2template.py` file. At the top of your `project2a.txt` file, you have done the same.

Comment:

2. ____ You have written a correct contract and docstring for the `IntegerBars` function.

Comment:

3. ____ You have written a correct contract and docstring for the `presentsOnDay` function.

Comment:

4. ____ You have written a correct contract and docstring for the `presentsThroughDay` function.

Comment:

5. ____ You have written a correct contract and docstring for each of the `handshakesNum1` and `handshakesNum2` functions.

Comment:

6. ____ (Under Task 2, questions 7 in the template) You stated the number of presents received *on day 12*.

Comment:

7. ____ (Under Task 2, questions 7 in the template) You stated *the correct total number of presents through day 12*.

Comment:

8. ____ (Under Task 2, questions 7 in the template) Your paragraph indicates in a general way how the speeds compared. For example, you might say “I didn’t notice any difference for parameter values up to ..., but by the time I got to ..., ... was taking several seconds whereas”

Comment:

9. ____ (Under Task 2, questions 7 in the template) Your paragraph gives the largest value you were willing to wait for with the slow algorithm and approximately how long it took. (Seconds? Minutes? Tens of minutes?)

Your paragraph gives the largest value you were willing to wait for with the fast algorithm and approximately how long it took. (Seconds? Minutes? Tens of minutes?)

Comment:

10. ____ You submitted exactly two files, where one is a `.py` file called `project2.py` and the other is a plain `.txt` file called `project2a.txt`.
Your `.py` file `project2.py` runs without error on IDLE 3 using one of the Olin 326 machines.
Your `.txt` file `project2a.txt` must be a plain text file without any rich-text formatting.
You must give your files these exact names and extensions. (Pay attention to the lower case letters and the lack of white spaces).

Comment:

11. ____ Your `IntegerBars` function uses the accumulator pattern for strings in the body of the function.

Comment:

12. ____ Your `IntegerBars` function produces the correct result for various pairs of integer inputs.

Comment:

13. ____ Your `IntegerBars` function *prints* the correct result for various pairs of integer inputs. Your `IntegerBars` function *returns nothing*.

Comment:

14. ____ Your `presentsOnDay` function returns the correct answer. No credit will be given if you do not use the `return` command or if you use it incorrectly. (Note: Since we asked you to try two different methods to implement this function, either method (the accumulator pattern or the line given to you in Task 2, part 6) is acceptable.)

Comment:

15. ____ Your `presentsThroughDay` function uses the accumulator pattern to calculate its answer.

Comment:

16. ____ Your `presentsThroughDay` function uses the `presentsOnDay` function.

Comment:

17. ____ Your `presentsThroughDay` function returns the correct number for various positive integer inputs. No credit will be given if you do not use the `return` command or if you use it incorrectly. (Note: even though we ask you to return an integer type object, you will still receive full credit for this part if you return the correct number as a floating point).

Comment:

18. ____ Your `handshakesNum1` function uses the accumulator pattern to calculate its answer.

Comment:

19. ____ Your `handshakesNum1` function returns the correct answer for various nonzero integer input values. No credit will be given if you do not use the `return` command or if you use it incorrectly.

Comment:

20. ____ Your `handshakesNum2` function uses a method that is different than the accumulator pattern method used in `handshakesNum1`. Your `handshakesNum2` function returns the correct answer for various nonzero integer input values. No credit will be given if you do not use the `return` command or if you use it incorrectly.

Comment:

_____ Total points