APS106 - Lab #3

This lab will test your ability to define and call functions as well as to operate with strings and use various string methods. Place appropriate comments in your program. ***Due: 11:59pm, Friday, Feb. 1st, 2019***

QUESTION: *Programming is prevalent among all engineering and science disciplines, as well as teaching. Here are some useful functions when dealing with student records at a university. Your task is to convert student names and marks into their email address and corresponding final test mark in* ***student_midterm_mark*** *function. You need to complete all the helper functions as there will be testcases on those two functions.*

You are given student's "last_name first_name" and "mark1,mark2,mark3,mark4" as string and you need to manipulate the strings to output "first_name.last_name@mail.utoronto.ca, AVERAGE_MARK", where AVERAGE_MARK is computed by dropping the highest and lowest mark of the four given marks and averaging the rest.

You are given two helper functions to help you complete this task. Use Markus to make sure your code is working on Markus.

SAMPLE INPUT/OUPUT:

INPUT:

student_midterms_mark("Hastings Hanna",'10.0,20.0,30.0,0.0')

OUPUT:

'<hanna.hastings@mail.utoronto.ca,15.0>'

TO DO: Download the file lab3.py, complete the functions inside according to their descriptions, test it with your own testcases and upload your version of lab3.py to MarkUs.

IMPORTANT: Do not change the file name or function names. Do not use input() or print() inside the function.

Three test cases are provided on MarkUS. You should test your code before your final submission. These test cases will be used in grading with additional seven test cases.