



FCS CYCLE 58

Assignment 1

Due Date: 21 September, 12 AM

Exercise 1:

Write a Python program that asks the user to input 3 numbers, and then the program will find and print the maximum value among the entered numbers.

(**Note:** You cannot use built-in functions like `max()` or any lists)

Exercise 2:

Write a Python program that:

1. Takes a positive integer n from the user.
2. Multiplies all the odd numbers between 1 and n (inclusive).

If the product exceeds 100, print "Multiplication exceeded" and stop the multiplication process.

If there are no odd numbers, the program should simply return 1.

If the multiplication process completes without exceeding 100, print the final product.

Exercise 3:

Write a Python program that:

1. Continuously prompts the user to enter scores until they input -1 to stop.
2. Calculates and prints the average of the entered scores (excluding -1).
3. If no valid scores are entered (i.e., if the first input is -1), print a message indicating that no scores were entered.

(**Note:** Do not use Break statement)

OUTPUT EXAMPLE:

Please enter score: 3
Please enter score: 10.2
Please enter score: 5
Please enter score: 12.6
Please enter score: -1
The score average is: 7.7

Exercise 4:

A four-digit number ABCD is said to be lucky if $A + B = C + D$

1. write a program that reads a number(int) from the user
2. checks if it was lucky or not
3. it should print "F" if it was lucky, otherwise print "U"

(**Note:** Do not use strings and indexes)

(**Hint:** Use floor division and modulo)

Submission Steps:

1. For this time you can submit your assignment as a python file (.py), for next times it will be a Github link.
2. Name every assignment file similar to the following:
assignment_01_Name_LastName
3. Put all your answers in one file but make sure to comment your code.
4. Finally to submit your assignment, watch this small 30 seconds tutorial on how to do so on Google classroom, <https://www.youtube.com/watch?v=dS6EC8RhYs>
5. If you have any inquiry about the assignment or if there is something not clear about the steps feel free to contact me through slack

Important Reminder !

You cannot do well on the exams unless you do the assignment

YOURSELF! Do not Google the solution or chatgpt it.

This will not help you! It is your decision in the end, your responsibility.

You are allowed to lookup methods in python that might help you in your solution.