

IN-CLASS EXERCISE CS 2 2024 STUDENT

for (i=0; i<10; i++)

This loop must not be changed. The value of the loop counter variable must not be changed, the loop condition must not be changed, and the loop incrementer (i++) must also not be changed. Write a JAVA code to assign each of the 1st 10 even integers (inclusive of 20 but excluding 0) obtained FROM THE USER THROUGH THE KEYBOARD and stored in a 10 element array. Your program must then display the content of the array on screen. The program following the procedural coding paradigm must also calculate the standard deviation of the 10 even numbers stored in the 10 element array and display the standard deviation value on screen.

Solution should include

1. Algorithms
- 2 Flow Chats
3. Code
4. Errors encountered should be entered into logbooks.

Solutions must be in Logbooks and also uploaded to the v-class

The deadline for submission is this evening (1202-24) at 5pm. The program should be coded as procedural.