Lab requirement for labs in Week 2

**Question 1: Write a program to sum the following series:**

IMG_256

**Question 2. Write a function that converts an uppercase letter to lowercase. Use the following function header:**

char toLowerCase(char ch)

**If the character is not an uppercase letter, the method simply returns the character itself. For example, toLowerCase('B') returns b and toLowerCase('5') returns 5. See Exercise 2.7 on how to convert an uppercase letter to lowercase. Write a test program that prompts the user to enter a character, invokes the function, and displays its return value.**

<Output>

Enter a char: A

a

<End Output>

<Output>

Enter a char: 3

3

<End Output>

**Question 3 Write a function that finds the smallest element in an array of integers using the following header:**

double min(double array[], int size)

**Write a test program that prompts the user to enter ten numbers, invokes this function, and displays the minimum value. Here is the sample run of the program:**

<Output>

Enter ten numbers: 1.9 2.5 3.7 2 1.5 6 3 4 5 2

The minimum number is: 1.5

<End Output>