

Short Assignment 1

Points: 125

Question

1. Write a C++ program that does the following.
 - a. In the main, declare an array of size 15 of a type "integer". **(10 points)**
 - b. Write a function that allows user to enter values into the declared array (Step a). **(15 points)**
 - c. Write a function to that calculates the **mean** (the average) of the declared array (Step a) and returns the **mean** to the main to be displayed on the console. **(20 points)**
 - i. Use *forward declaration* for this function. **(5 points)**
 - d. Write a function that finds the **lowest value** of the declared array (Step a) and returns the **lowest value** found to main to be displayed on the console **(20 points)**
 - i. Use *forward declaration* for this function. **(5 points)**
 - e. Write a function that finds the **highest value** of the declared array (Step a) and returns the **highest value** found to main to be displayed on the console **(20 points)**
 - i. Use *forward declaration* for this function. **(5 points)**
2. The program runs as expected without any issues. **(25 points)**