Return Value Function

Write a return function called **averageFourTemperatures** that accepts 4 integers in the parameter list, returns the average.

In the **main** function prompt the user for 4 temperatures and them in separate appropriately named variables.

Call the **averageFourTemperatures**, passing values and printing the returned average to the console.

The code must follow these guidelines:

* **Good style:** Use proper indentation and good naming conventions.
* **Usability:** Always prompt the user for input so they know what to do and provide meaningful output messages.
* **Input Validation:** The program should not accept invalid input, prompt the user to reenter an input that is invalid.
* **Documentation:** Add a comments that document what each part of your code does.
* **Testing:** Don't submit your solution until you have tested it. The code must compile, execute and produce the correct output for any input.

Submit only the .cpp file containing the code.