Program Assignment 0 Part E: Global Variables

This exercise in intended to familiarize you with global variables in C programming language. Global variables can be useful when many functions want to access the same variables. For this reason, you should know the basics about using global variable. However, you should also remember that using global variables could lead to dangerous behavior: when your program begins to get more complex, it will get harder and harder to figure out when and where global variables are being modified, serious problem while debugging. In your programming, try to use global variables only when it is really necessary.

Assignment:

Modify the function called findSum() in the source file *exercise0_parte.c*. This function doesn't accept any parameter and will continue executing until the global variable count reaches the boundary indicated by the user when the program starts running. More specifically, your code should modify the global variable count and sum somehow to make sure:

1) All the numbers smaller than boundary are tested when the findSum function is called.
2) The value of the prime number should be added to sum

Sample Program Output:

After getting your program running, you should test it on some testcases to make sure your program works properly. Some sample test input and output would be like this:

```
Please indicate the boundary of your search:
2
The sum of the prime numbers up to 2 is 0


Please indicate the boundary of your search:
10
The sum of the prime numbers up to 10 is 17


Please indicate the boundary of your search:
900
The sum of the prime numbers up to 900 is 62797


Please indicate the boundary of your search:
-5
The sum of the prime numbers up to -5 is 0
```