C assignment 2

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Armandas Rokas
Github readme link: https://github.com/ArmandasRokas/C_assigment_2/blob/master/docs/readme.md

Even_odd function

Explanation of even_odd function

The code is very simple. Firstly, it has counters for the total sum of even numbers and odd numbers. Secondly there are also two more counters, which holds the values of how many times odd number and even number was entered.
When user exits decides to terminate the progam it divides the sum of even/odd numbers by the number of times entered even/odd numbers and prints results.

Difficulties

There was a bug which was caused by division by 0, when no even or odd numbers was added. The bug is fixed by adding extra selection statments at the end of program, which checks if the number of times entered even/add numbers is not equal to 0.

Flow diagram of even_odd function

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Goldbach function

Flow diagram of goldbach function

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CanBeRepresentedAsSumOfTwoPrimes function

Flow diagram of canBeRepresentedAsSumOfTwoPrimes function

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IsPrime function

Flow diagram of isPrime function

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