
From: Rodrigo Centeno
Sent: Friday, January 29, 2021 6:04 PM
To: g_villena@icloud.com
Subject: TRANZACT: Coding Challenge.

Hello Giancarlo,

Thanks again for your interest in Tranzact, below you'll find a programming challenge, we request that you create a program using C# to solve it. You may not use any external libraries for your solution, but you may use external libraries or tools for building and testing it.

We will evaluate your skills in object-oriented programming and design. We expect the code to be production-quality, and can easily be maintained and evolved, not just a barebones algorithm.

We expect your submission no later than **next Monday (February 1st)**, create public repo on [GitHub.com](https://github.com) and provide us a link.

Programming Challenge:

Searchfight

To determine the popularity of programming languages on the internet we want to you to write an application that queries search engines and compares how many results they return, for example:

C:\> searchfight.exe .net java

.net: Google: 4450000000 MSN Search: 12354420

java: Google: 966000000 MSN Search: 94381485

Google winner: .net

MSN Search winner: java

Total winner: .net

- The application should be able to receive a variable amount of words
- The application should support quotation marks to allow searching for terms with spaces (e.g. searchfight.exe "java script")
- The application should support at least two search engines

Regards,

Rodrigo Centeno

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