

## Smokeball - Development Project

To gain a better understanding of your technical, design and logic skills, we would like you to create a project in C#.NET that will perform the following:

### TASK

The CEO from Smokeball is very interested in SEO and how this can improve Sales. Every morning he logs in to [google.com.au](https://www.google.com.au) and types in the same key words “conveyancing software” and counts down to see where and how many times their company, [www.smokeball.com.au](https://www.smokeball.com.au) sits on the list.

Seeing the CEO do this every day, a smart software developer at Smokeball decides to write a small application for him that will automatically perform this operation and return the result to the screen.

They design and code some software that receives a string of keywords, and a string URL. This is then processed to return a string of numbers for where the resulting URL is found in Google. For example “1, 10, 33” or “0”.

The CEO is only interested if their URL appears in the first 100 results.

### TECHNICAL DETAILS

The key to this project is demonstrating OO skills, and making use of this URL:  
<https://www.google.com.au/search?num=100&q=conveyancing+software>.

We would prefer manual scraping and not the google API or HTML agility pack.

### SUBMISSION / HELP

Please submit the code via GitHub.

If you have any questions please do not hesitate to contact [tomas.travnicsek@smokeball.com](mailto:tomas.travnicsek@smokeball.com).