Adchieve Code Assignment - Distances

In this assignment we test coding skills and the assignment will serve as a talking point for the hiring process, so code like you mean it ;-)

Objective

The objective of this assignment is to resolve 8 addresses to geolocations using an api and calculate the distance in kilometers from each address to the Adchieve headquarters.

After calculating each distance, sort the results by distance to the Adchieve headquarters and write the sorted output to the console.

The calculations should then be stored in a csv file named distances.csv, in the following format:

```
Sortnumber,Distance,Name,Address
1,"1.23 km","test","this is just a test address, the Netherlands"
2,"2.24 km","test","this is just a test address, the Netherlands"
```

Note, the distance should be formated in 2 decimals with km added.

Addresses to be used

```
Adchieve HQ - Sint Janssingel 92, 5211 DA 's-Hertogenbosch, The Netherlands

Eastern Enterprise B.V. - Deldenerstraat 70, 7551AH Hengelo, The Netherlands
Eastern Enterprise - 46/1 Office no 1 Ground Floor , Dada House , Inside dada silk mills
compound, Udhana Main Rd, near Chhaydo Hospital, Surat, 394210, India
Adchieve Rotterdam - Weena 505, 3013 AL Rotterdam, The Netherlands
Sherlock Holmes -  221B Baker St., London, United Kingdom
The White House - 1600 Pennsylvania Avenue, Washington, D.C., USA
The Empire State Building - 350 Fifth Avenue, New York City, NY 10118
The Pope - Saint Martha House, 00120 Citta del Vaticano, Vatican City
Neverland - 5225 Figueroa Mountain Road, Los Olivos, Calif. 93441, USA
```

Apis

The google maps api can be used, but this could require payment information (usage is free), but as an alternative, positionstack can be used (https://positionstack.com/). For the latter we have a (free) api key: 9eb61b6aa98a57d4201f19b0253c92aa

Good luck!

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engineering success

+31 (0)73 612 47 52 • info@adchieve.com

Den Bosch   •   Sint Janssingel 92, 5211 DA
Rotterdam   •   Weena 505, 3013 AL