

Technical Assignment

# Find our partners

**webbio.**

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This is a fictional assignment and is primarily meant to test the code and software skills of the candidate. The assignment should be completed using JavaScript/Node.js. Your program should be well tested. If there are any questions along the way feel free to contact [joeri@webbio.nl](mailto:joeri@webbio.nl).

## Introduction

Webbio wants to contact partners located within 75 km of our office in Nijmegen to invite them for a technical meet-up. Our office is located at the following coordinates: 51.839549, 5.87837

You will be given a list in JSON format containing all our partners.

## The assignment

Create a Node.js application that filters our list of partners and returns all partners located within a 75 km radius of our office. The return value should be ordered by name (ascending). You can use the first formula from this Wikipedia article to calculate distance: [https://en.wikipedia.org/wiki/Great-circle\\_distance](https://en.wikipedia.org/wiki/Great-circle_distance)

Your program should be well tested.

## Submitting the assignment

Please submit your solution together with a small README.md which explains basic thoughts about how you solved the assignment. This can preferably be shared on a Git hosting platform or if this is not possible be send in a .zip to [joeri@webbio.nl](mailto:joeri@webbio.nl).

## Code policy

Code that has been submitted will only be used to review and analyze the software skills of the candidate. In no way, this will be used for a commercial application.