General Instructions

Below you will find 3 cases that we have prepared. Remember, please chose only one.

These tests should take no more than 30-45 minutes to complete. Feel free to resolve the tests any way you wish. The programming languages employed should be Java, Groovy, or a mixture of either.

Please submit your code to the repository prepared for you.

Good luck and we hope to see you soon!

• Case A

Send a JSON request by POST and print the response ordered in a REST service
Create a REST service that receives a POST request in JSON format and returns the same

collection received ordered by Company name in JSON format. The request JSON can be found

in the **Companies.json** file. Please use a Java and/or Groovy based solution.

• Case B

Banking solution. Please see **Caso B.pdf**

• Case C

1. **Help the fruit guy:**

Our fruit guy has a bag of fruit (represented as an a array of strings) where some fruits are rotten.

He wants to replace all the rotten pieces of fruit with fresh ones.

For example, given ["apple","rottenBanana","apple"] the replaced array should be

["apple","banana","apple"].

Your task is to implement a method that accepts an array of strings containing fruits should

returns an array of strings where all the rotten fruits are replaced by good ones.

Notes:

• If the array is null/nil/None or empty you should

return empty array ([]).

• The rotten fruit name will be in this camelcase

(rottenFruit).

• The returned array should be in lowercase.

2. **Return negative:**

In this simple assignment you are given a number and have to make it negative. But maybe the

number is already negative? Example:

• 1 will return -1

• -1 will return -1

• 0 will return 0

Notes:

• The number can be negative already, in which case no change is required.

• Zero (0) is not checked for any specific sign. Negative zeros make no mathematical sense.