

Your mission, should you choose to accept it: Design and develop a project for a simple Address-Book lookup application.

Due Date: 48 hours after receiving the assignment.

Submission: Respond to the recruiter via email, and attach the entire compressed solution.
Or share the github url

- **Requirements**

- Tech : java 11, spring boot maven/gradle,docker,sql/no-sql,unit tests
- Create a complete project with README.md, Dockerfile, and Makefile (or build/run script)
- Functionality: a **search function**: takes a string (varied length) as input, returns any matched contact(s) from the address book
- Assuming address book is a plain text/csv file but planning for future db implementation
- Document the project and the code
- Use the Sample Data found on page 2, but feel free to extend the entries if necessary
- Unit tests must be present. Code/design must be extensible

- **Notes**

- Any unclear or ambiguous requirements are left up to the developer to interpret as you see fit.
- The purpose of this project is not to test any algorithm design or efficiency - but to assess your ability to create a simple project from end to end, and demonstrate how you ensure quality and completeness.

Sample Data

"Dave","Smith","123 main st.,""seattle","wa","43"
"Alice","Smith","123 Main St.,""Seattle","WA","45"
"bOb","Williams","234 2nd Ave.,""Tacoma","WA","26"
"Carol","Johnson","234 2nd Ave",""Seattle","WA","67"
"TOm","Bombadillo","1212 Maple Street","Florida","GA","520"
"Jimbo","Jones","82 Pine Street","Atlanta","GA","2"
"Jackie","Jones","82 Pine Street","Atlanta","GA","6"
"Tommy","Jones","82 Pine Street","Atlanta","GA","29"
"tammy","Jones","82 Pine Street","Atlanta","GA","27"
"EvE","Smith","234 2nd Ave.,""Tacoma","WA","25"
"Frank","Jones","234 2nd Ave.,""Tacoma","FL","23"
"george","Brown","345 3rd Blvd., Apt. 200","Seattle","WA","19"
"Helen","Brown","345 3rd Blvd. Apt. 200","Seattle","WA","18"
"Ian","smith","123 main st ","Seattle","Wa","18"
"Jane","Smith","123 Main St.,""Seattle","WA","13"
