

ENLIGHTEN

PROGRAMMING CHALLENGE

Selecting a challenge

Select one challenge from the following GitLab repositories and fork it.
For more details on each challenge, a README is included within each repository.

ALPHABET SOUP

Answer key for word search puzzles

<https://gitlab.com/enlighten-challenge/alphabet-soup>

PAGING MISSION CONTROL

Time-based alerting from telemetry

<https://gitlab.com/enlighten-challenge/paging-mission-control>

PLEASE RESPOND

Event RSVP data feed aggregations

<https://gitlab.com/enlighten-challenge/please-respond>

CHOOSING A LANGUAGE

Our most commonly used languages in our project include: Java, Scala, Python, R, and JavaScript. Your program should be implemented in one of these languages, unless discussed with our team.

CREATING A SOLUTION

Develop a solution that not only provides a correct output, but is well designed, readable, and maintainable. The solution must be of your own original work. Common libraries and/or frameworks may be used within your solution. You should follow standard practices and idioms appropriate for the programming language you choose.

EXECUTING YOUR SOLUTION

Your solution should leverage and specify the runtime and package manager for building and execution (e.g., Java: Maven/Gradle, JavaScript/Node.js: NPM/Yarn, Python: PIP).



SUBMITTING YOUR SOLUTION

Submit your solution as a Merge Request to the respective GitLab repository (see 'Selecting a challenge').

EVALUATING THE SOLUTION

The following items are taken into account by the submission reviewers when evaluating your code:

- **Complete** - Your code should meet all guidelines and requirements.
- **Correct** - The ability of your code to generate the correct output.
- **Clear and Concise** - Be as clear and concise as possible, without sacrificing readability or maintainability. Your code should not be over-engineered or made complicated in order to demonstrate additional skills or abilities beyond the scope of this task.
- **Validated** - Your code should include sufficient validation as a whole and unit(s) as applicable.

HAPPY CODING! WE LOOK FORWARD TO YOUR SOLUTION!