THANK YOU FOR ACCEPTING OUR CODING CHALLENGE!

Highspot's take-home, untimed coding exercise is designed to assess your software engineering skills objectively. During in-person interviews, we may use your code as a discussion point.

HIGHSPOT

HIGH-LEVEL SUMMARY

For this exercise, you will write 3 functions for a command-line batch application. Highspot's product leverages batch processing so this exercise is relevant to real-life Highspot engineering work.

This should take between one and two hours to complete.

HIGHSPOT

IMPLEMENTATION SUMMARY

Your application will

- Ingest an input JSON file which we will provide, *mixtape.json*.
- Ingest a changes file which you will create.
- Produce output.json which must have the same structure as the *mixtape.json* input.

You choose the format for the changes file - text, YAML, CSV, JSON, etc. Your application will apply the changes from the change file to the mixtape.json data, and produce output.json.

Please use any coding language you are comfortable with.

HIGHSPOT

REQUIREMENTS

✓ Ingest mixtape.json and a *changes* file. The *changes* file should include multiple changes in a single file:

❑ Add a new playlist; the playlist should contain at least one song.
❑ Remove a playlist.
❑ Add an existing song to an existing playlist.

✓ Output *output.json* using the same structure as *mixtape.json* with the changes applied.

✓ Add a README describing how you would scale this application to handle very large input files and/or very large changes files.

EVALUATION CRITERIA

✓ Are all requirements met?

✓ Does the application run successfully on a Mac or Linux?

✓ Does your README explains how to run your application?

HIGHSPOT

TIPS

requirements. Your application doesn't need to handle any other operations.

- **Readability is key. Convey your intent with clear, organized code and with comments where appropriate.**

Don't worry about

HIGHSPOT

CODE SUBMISSION

Send us your working code..

- Send us a link to a GitHub repository with your code OR
- Send us an email with your submission. Note that zip files often get rejected by Gmail.

AN ADDED BONUS: If we like your code submission and bring you in for an interview, Highspot will donate $500 to code.org!

HIGHSPOT

THANK YOU!

We look forward to seeing your work.

We understand that you have a busy life and may be considering other opportunities, and we appreciate the time you've taken to complete our coding exercise. We will review your submission quickly and be in touch soon with next steps.

HIGHSPOT