

Lob Coding Challenge

Time: 1 - 3 Hours

Prompt: Build a command line program or website to send a letter to your legislator with Lob.

Input: We will input an address (name, address line 1, address line 2, city, state, country, zip code), and a 200 word message to send to the congressman in the letter.

Output:

- PDF of the letter in Lob's API response
- Error on bad input

Guidelines

- You may use **any language** you prefer to write your program
- You must provide instructions for running your program in a README.md in your project.
- You must use Lob's API to send the letter
- You must use HTML to create the letter (<https://lob.com/docs/html-examples>)
- Surface errors from Lob or the Google Civic Information API
- Start by using the Google Civic Information API:
<https://developers.google.com/civic-information/docs/v2/representatives/representativeInfoByAddress>

Using the address provided, you can use the API to return a representative to contact that will contain the representative's name and address, so you can address and send the letter correctly. It's up to you to decide which official (governor, US representative, state representative, US senator, state senator, etc) your app allows the user to contact.

Sample Input:

From Name: *Joe Schmoe*

From Address Line 1: *185 Berry Street*

From Address Line 2: *Suite 170*

From City: *San Francisco*

From State: *CA*

From Zip Code: *94107*

Message: *This is a test letter for Lob's coding challenge. Thank you legislator.*

Sample Output:

https://s3-us-west-2.amazonaws.com/assets.lob.com/ltr_5387477f02995921.pdf?AWSAccessKeyId=AKIAJVT3IPSNH662QU6A&Expires=1448143703&Signature=YY6J0pcdR8LIDscOkLviA5CstcU%3D

Please email your completed project in a zip file with instructions for running the program in a README.md file.