

# Coding Question

Create a project according to the setup guide.

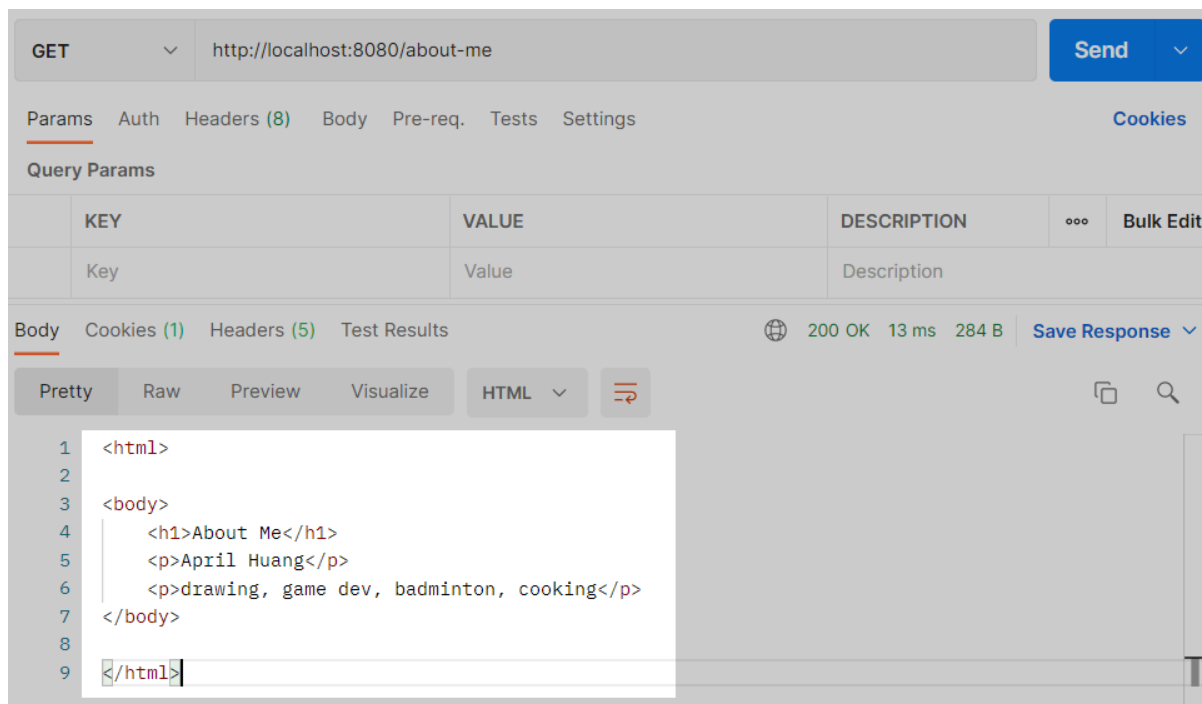
Create a servlet class whose URL pattern matches that of `/about-me` and uses the following methods:

`init()`

- Initializes a **name** field whose String value is your preferred name, and an **interests** field whose String value describes your interests
- For example:
  - `name = "April Huang"`
  - `interests = "drawing, game dev, badminton, cooking"`

`doGet()`

- Sets a response of type `text/html`
- Use the variables that are initialized in the `init()` method for **name** and **interests**.
- Sending a GET request should result in the following. Postman is not needed, this is just to illustrate the response body.





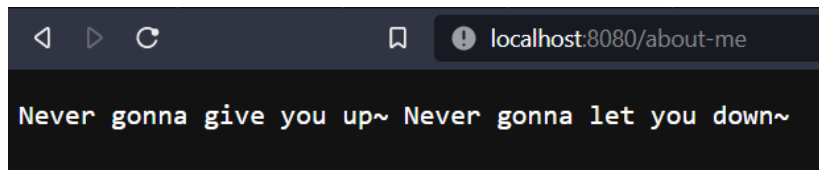
# About Me

April Huang

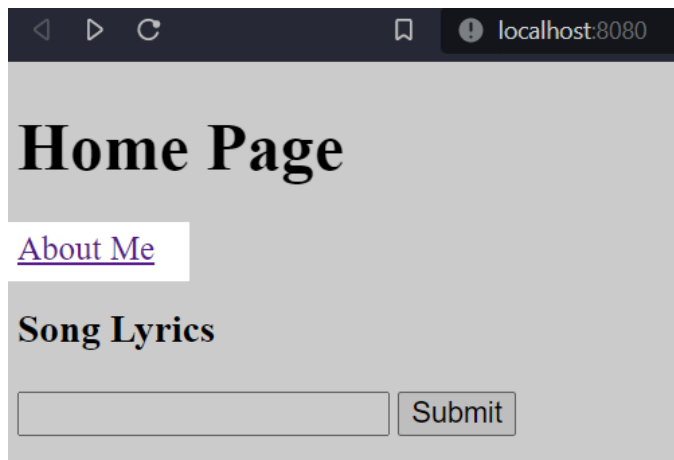
drawing, game dev, badminton, cooking

`doPost()`

- Sets a response of type `text/plain`
- The response should look like this:



On the `index.html` page, create a link that calls your servlet so the `doGet()` method can be triggered:



Create a form with one input field of type text to submit a song lyric. Upon submitting the form, the `doPost()` method of your servlet should be triggered and the value within the field should be passed in as an argument and displayed:

Home Page

[About Me](#)

Song Lyrics

Here is what the flow of your web application should look like:

