

Deliver Health Coding Challenge App Instructions

Build instruction:

In the root directory of the project, run this command: `mvn clean package`

Run instruction:

go to “codingchallenge\target” folder, then run this command:

```
java -jar .\codingchallenge-0.0.1-SNAPSHOT.jar
```

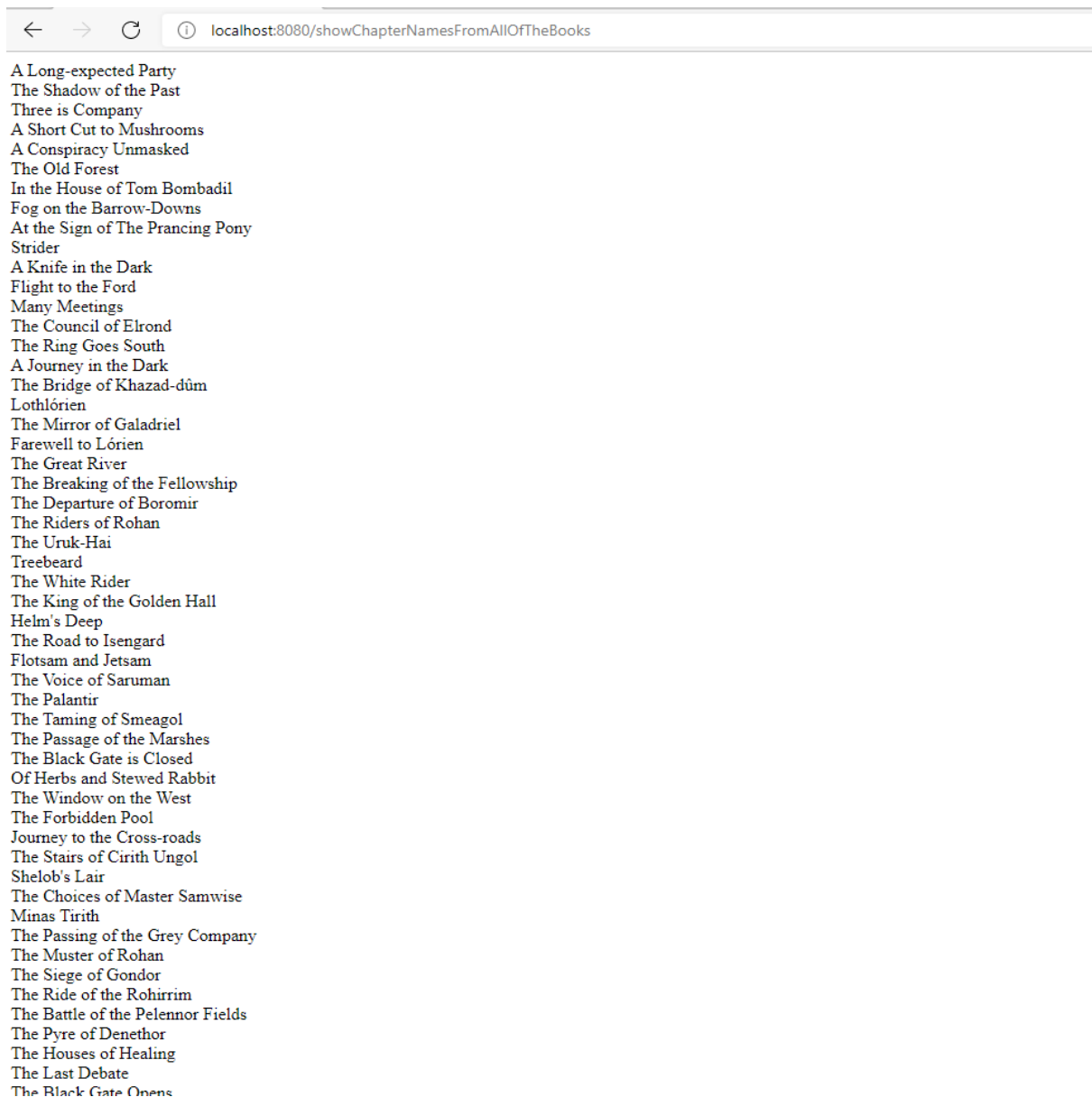
COMMAND 1:

Use the book API to collect the chapter names from all of the books and output them in chronological order

instruction: access this URL in your browser

<http://localhost:8080/showChapterNamesFromAllOfTheBooks>

Example



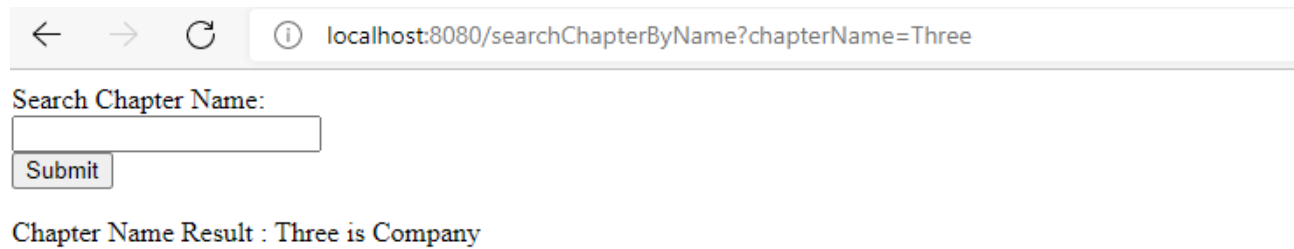
COMMAND 2:

Allow someone to pass a search string into your command to search for a chapter by name. Allow for partial matches for this search.

instruction: access this URL in your browser

<http://localhost:8080/searchChapterByName>

Example



The screenshot shows a web browser window. The address bar contains the URL `localhost:8080/searchChapterByName?chapterName=Three`. Below the address bar, the text "Search Chapter Name:" is displayed above a text input field. A "Submit" button is located to the right of the input field. Below the input field, the text "Chapter Name Result : Three is Company" is displayed.

Search Chapter Name:

Submit

Chapter Name Result : Three is Company

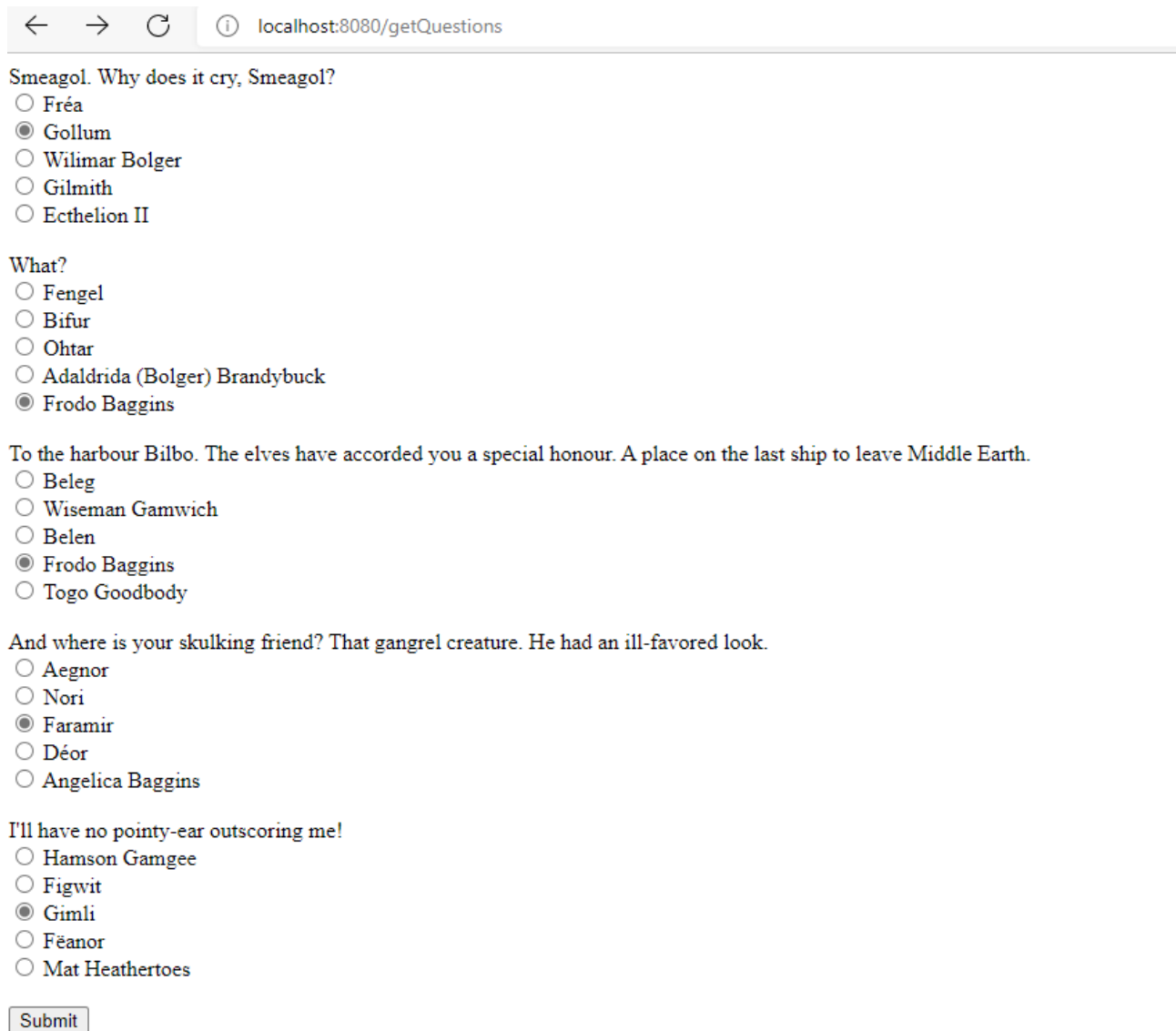
COMMAND 3:

Create a quote guessing game. Create a dynamic quiz of 5 questions where a quote is output and multiple choice answers are listed. Then prompt the user to input a guess for the character who said the quote. Once all questions have been answered, output a score for the user.

instruction: access this URL in your browser

<http://localhost:8080/getQuestions>

Example



The screenshot shows a web browser window with the address bar displaying "localhost:8080/getQuestions". The page content consists of five multiple-choice questions, each preceded by a quote. The first question is "Smeagol. Why does it cry, Smeagol?" with options: Fréa, Gollum (selected), Wilimar Bolger, Gilmith, and Ecthelion II. The second question is "What?" with options: Fengel, Bifur, Ohtar, Adaldrida (Bolger) Brandybuck, and Frodo Baggins (selected). The third question is "To the harbour Bilbo. The elves have accorded you a special honour. A place on the last ship to leave Middle Earth." with options: Beleg, Wiseman Gamwich, Belen, Frodo Baggins (selected), and Togo Goodbody. The fourth question is "And where is your skulking friend? That gangrel creature. He had an ill-favored look." with options: Aegnor, Nori, Faramir (selected), Déor, and Angelica Baggins. The fifth question is "I'll have no pointy-ear outscoring me!" with options: Hamson Gamgee, Figwit, Gimli (selected), Fëanor, and Mat Heathertoos. At the bottom left, there is a "Submit" button.

← → ↻ ⓘ localhost:8080/getQuestions

Smeagol. Why does it cry, Smeagol?

- ☐ Fréa
- ☒ Gollum
- ☐ Wilimar Bolger
- ☐ Gilmith
- ☐ Ecthelion II

What?

- ☐ Fengel
- ☐ Bifur
- ☐ Ohtar
- ☐ Adaldrida (Bolger) Brandybuck
- ☒ Frodo Baggins

To the harbour Bilbo. The elves have accorded you a special honour. A place on the last ship to leave Middle Earth.

- ☐ Beleg
- ☐ Wiseman Gamwich
- ☐ Belen
- ☒ Frodo Baggins
- ☐ Togo Goodbody

And where is your skulking friend? That gangrel creature. He had an ill-favored look.

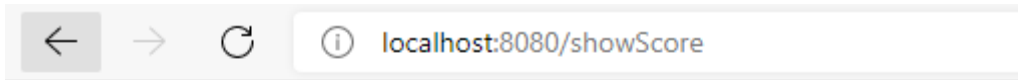
- ☐ Aegnor
- ☐ Nori
- ☒ Faramir
- ☐ Déor
- ☐ Angelica Baggins

I'll have no pointy-ear outscoring me!

- ☐ Hamson Gamgee
- ☐ Figwit
- ☒ Gimli
- ☐ Fëanor
- ☐ Mat Heathertoos

Submit

After hitting submit button



Score : 5