

Advanced Java Project : MyQuiz

User Guide

Initial Steps to be Followed :

Step 1: Open Eclipse

Step 2: Click File → Import

Step 3: Type Maven in the search box → Select an import source

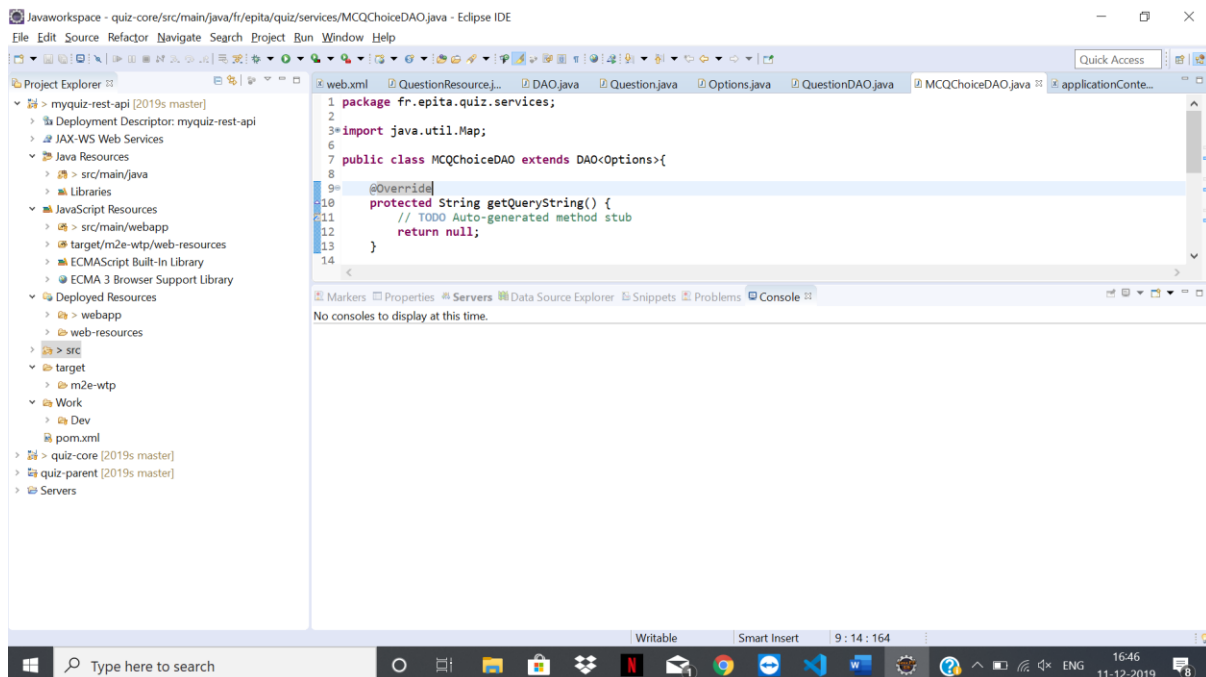
Step 4: Select Existing Maven Projects

Step 5: Click Next

Step 6: Click Browse and select the Maven project root folder(probably contains the pom.xml file)

Step 7: Click Next

Step 8: Click Finish.

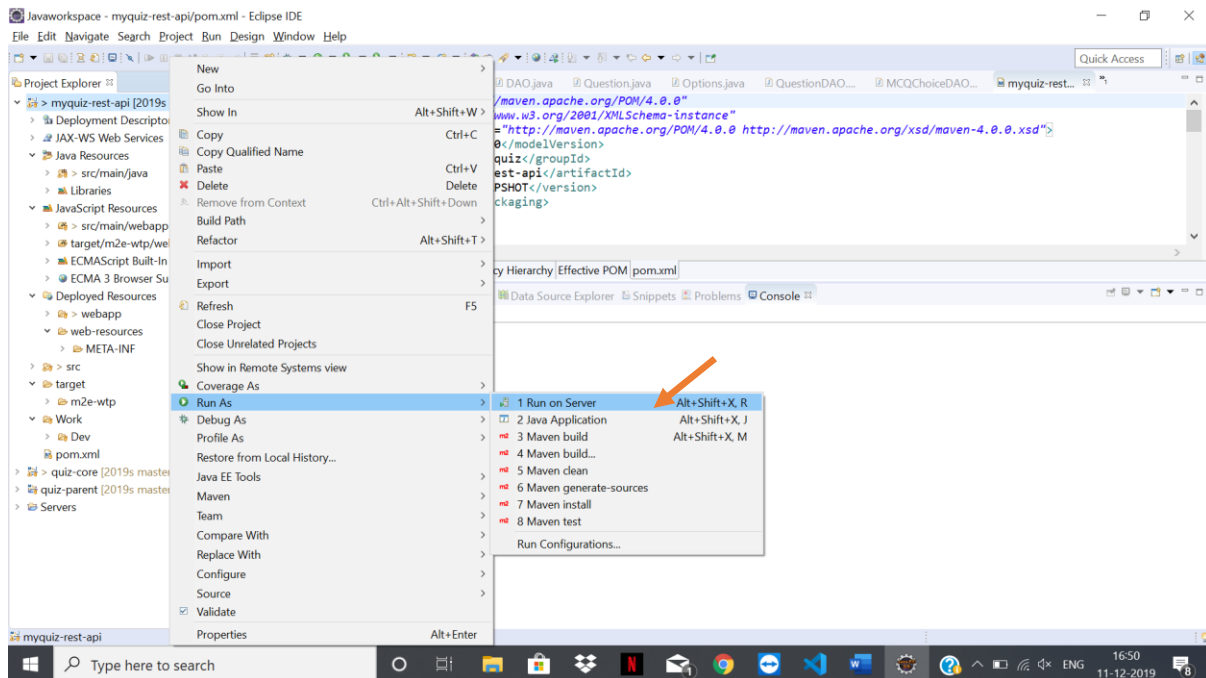


Project Name : MyQuiz

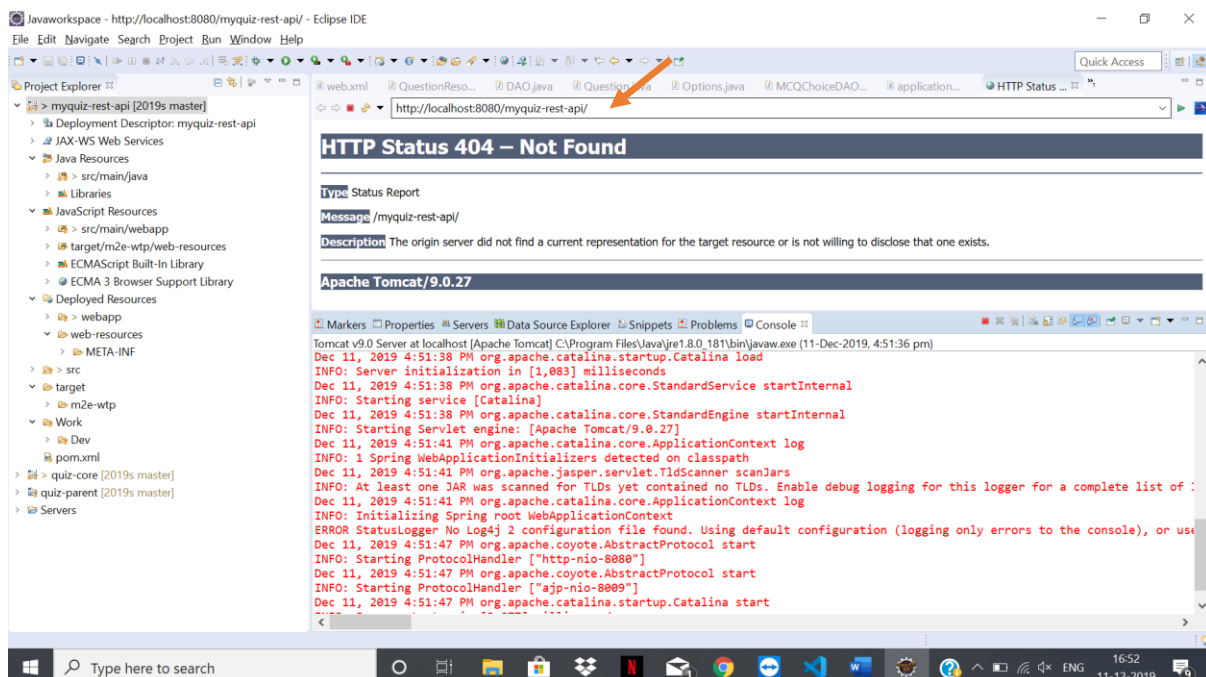
Step 1: Go to MyQuiz

Step 2: Open → MyQuiz-rest-api

Step 3: Right click → run as → Run on Server.



Step 4: Once the project has been executed in eclipse, the reference to the API will appear as follows.



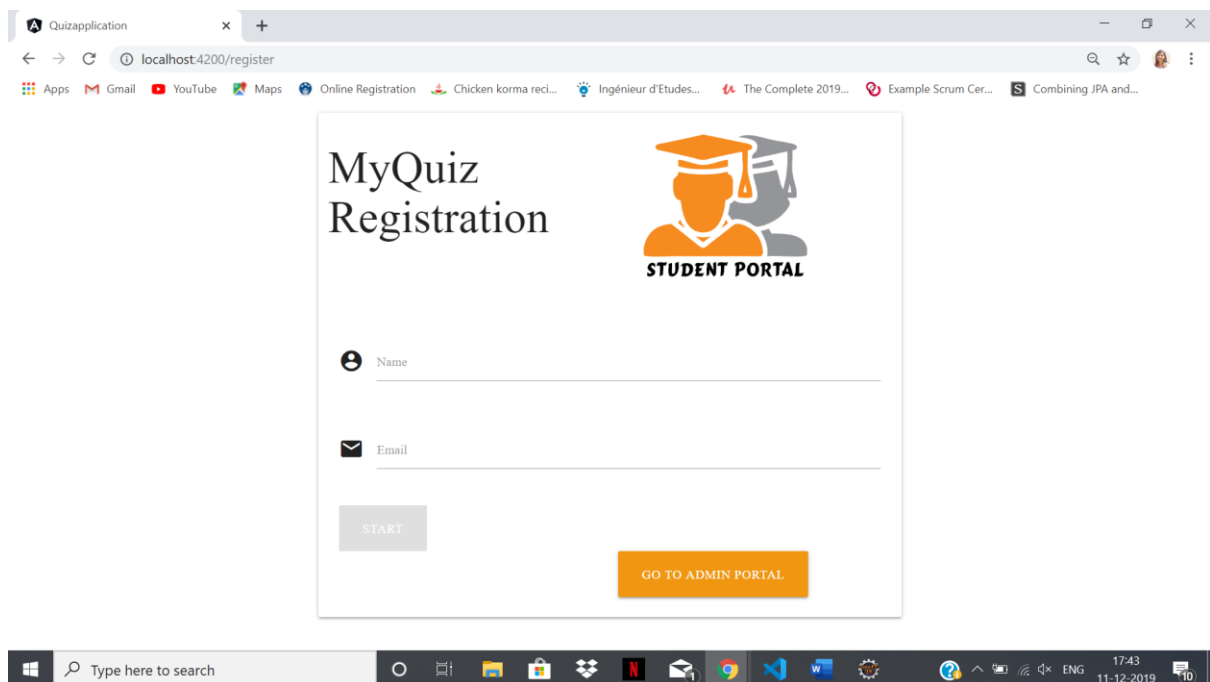
Step 5: Now open the visual studio code and install Angular8.

Step 6: Installing angular is a four-step process as follows

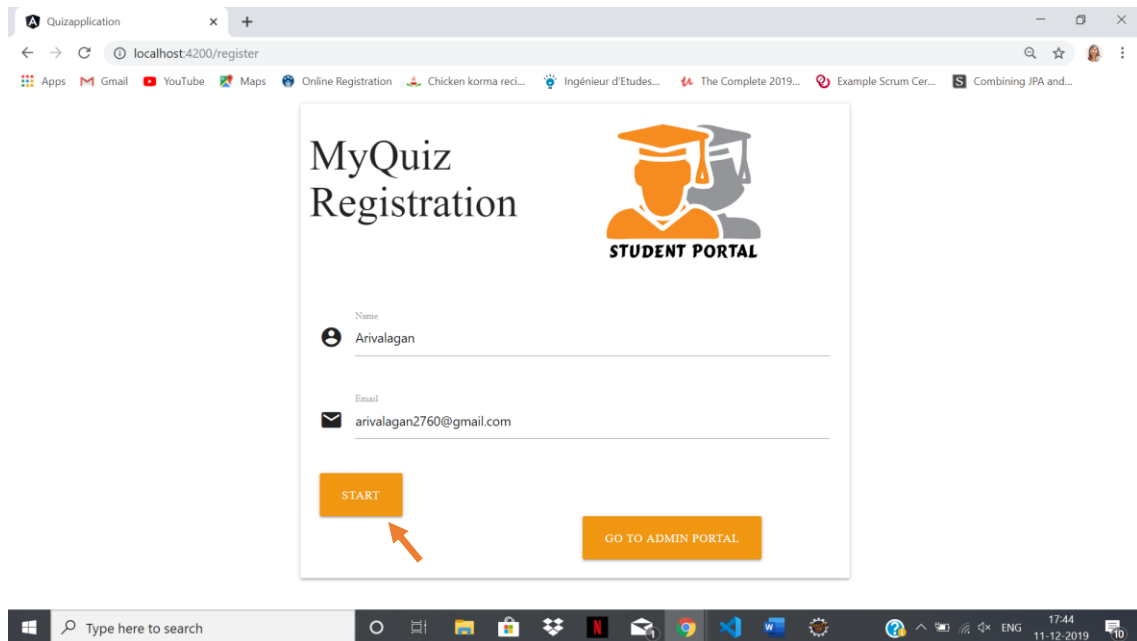
- `npm install -g @angular/cli`
- `ng new Quizapplication`
- `cd C:\Users\HP\Desktop\Angular-Quiz\Quizapplication`
- `ng serve --open`

Step7: The Quizapplication is now opened in the browser →

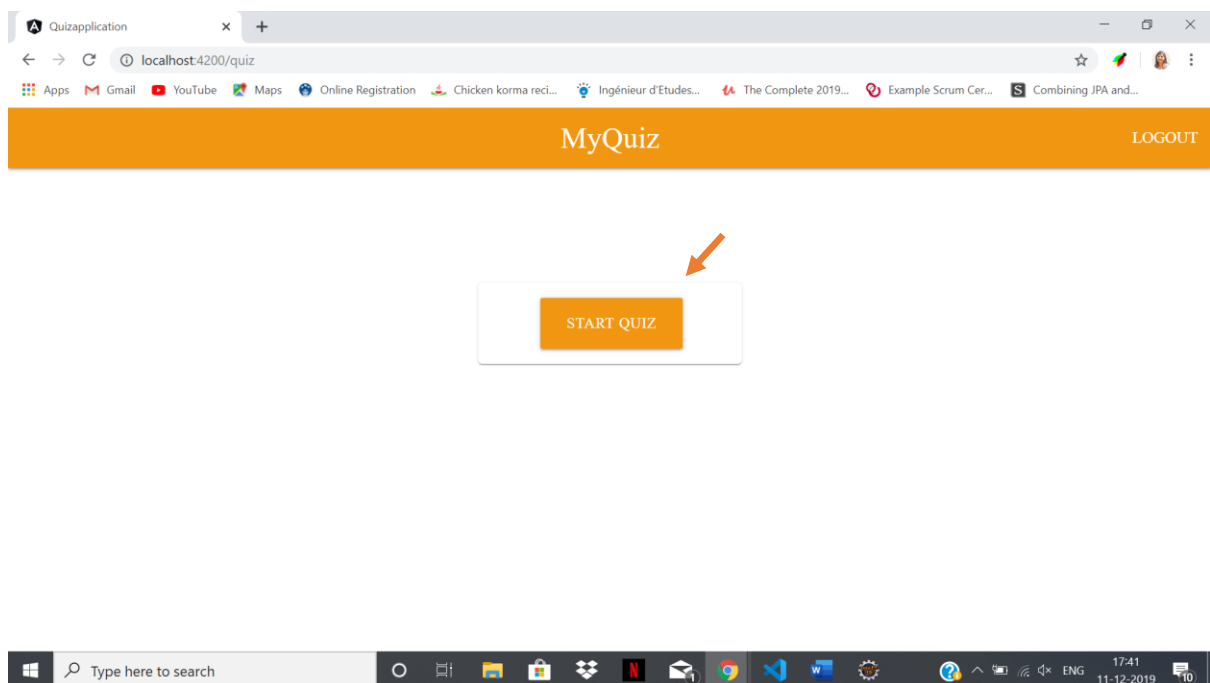
<http://localhost:4200/register>



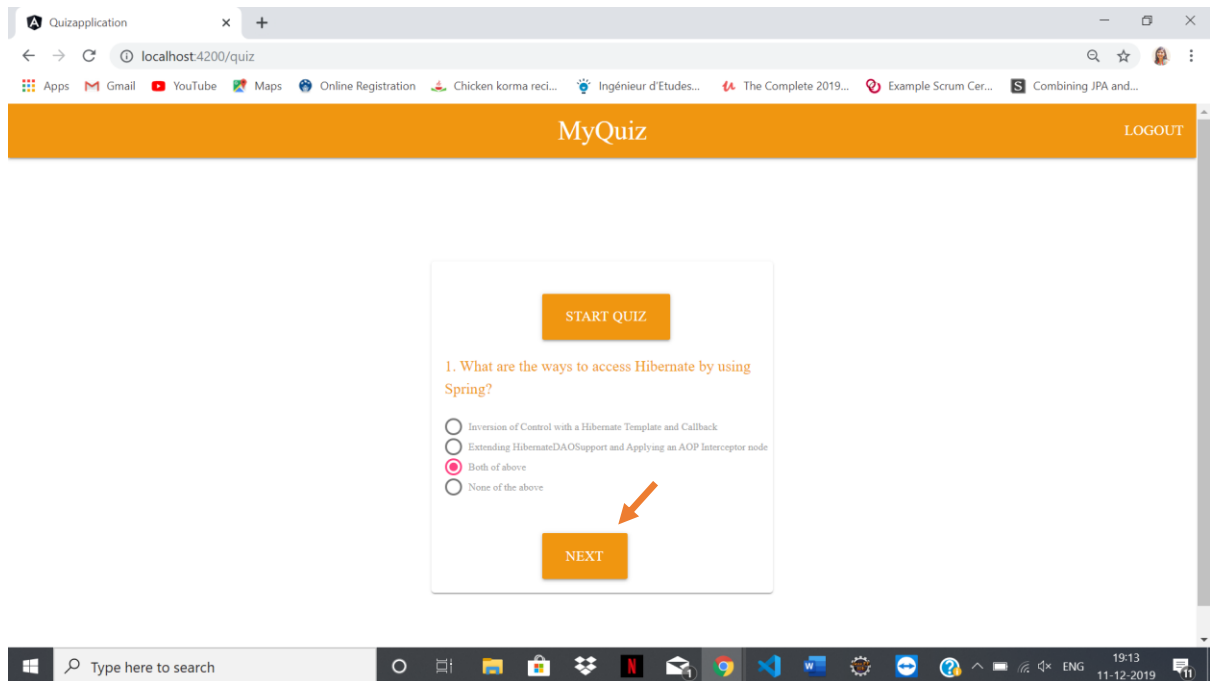
Step 8: In the student portal register your information and press Start.



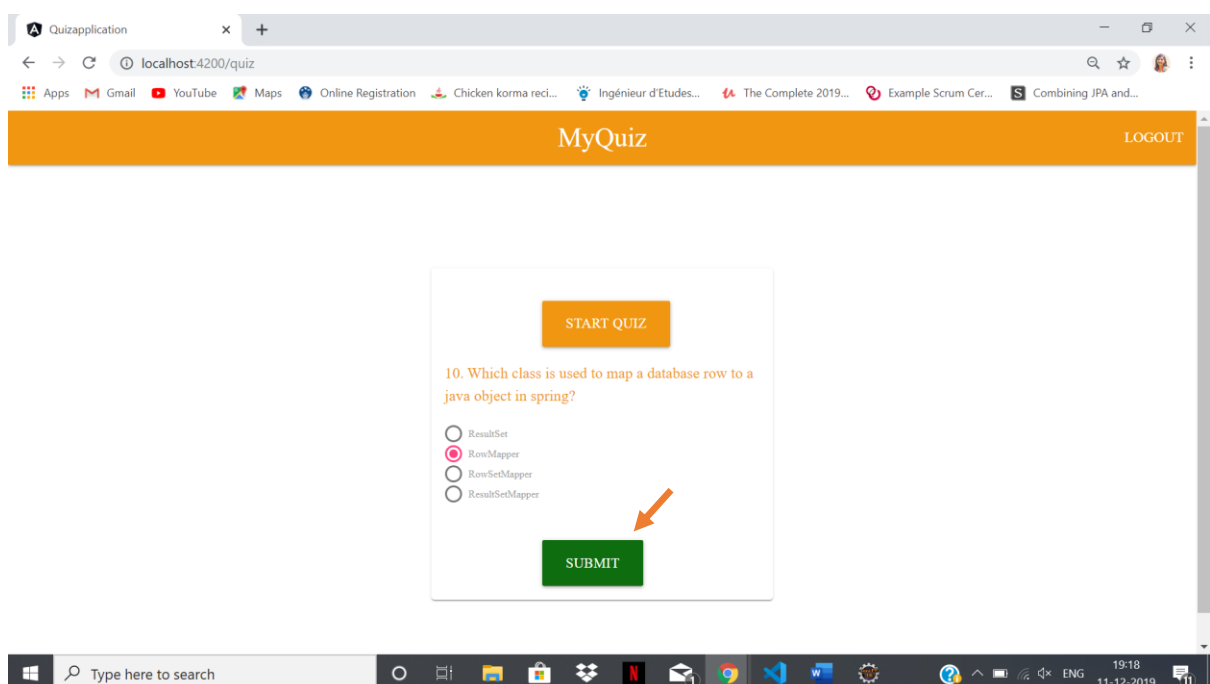
Step 9: Tap on the Start Quiz button to launch the quiz.



Step 10: The quiz is now ongoing, and once you have finished clicking on the option, click next.



Step 11: Once you have completed the quiz, click on the submit button to see the results.



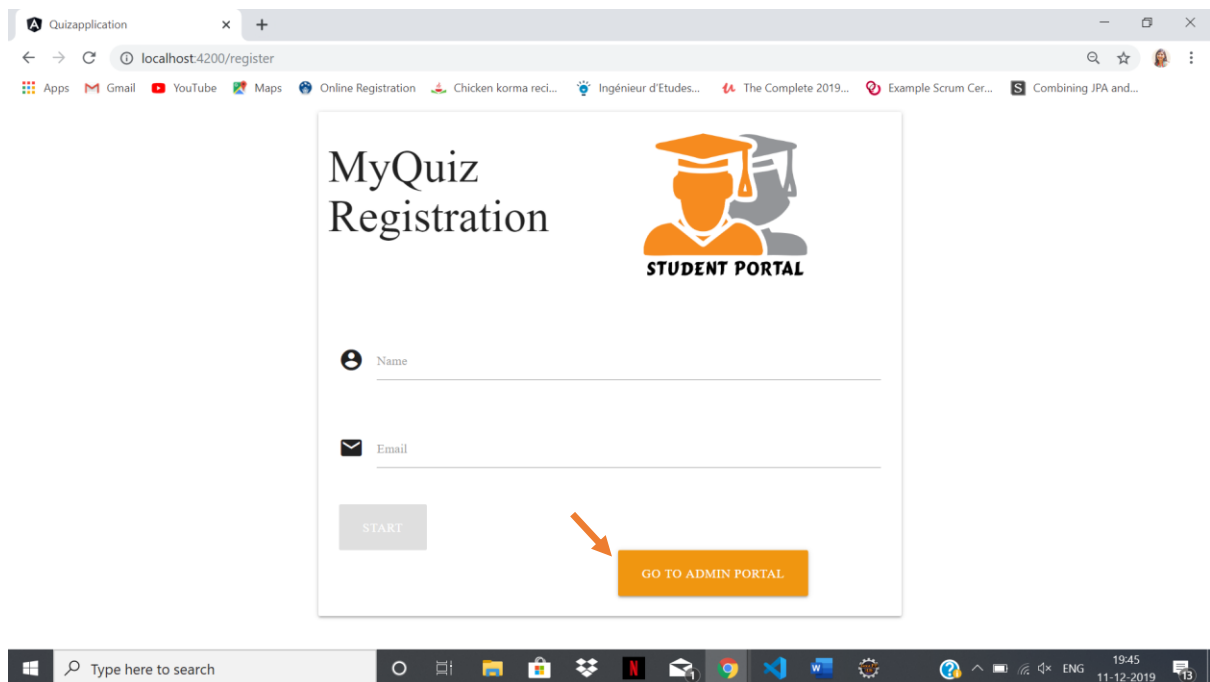
Step 12: The final score of the quiz will be displayed as follows,



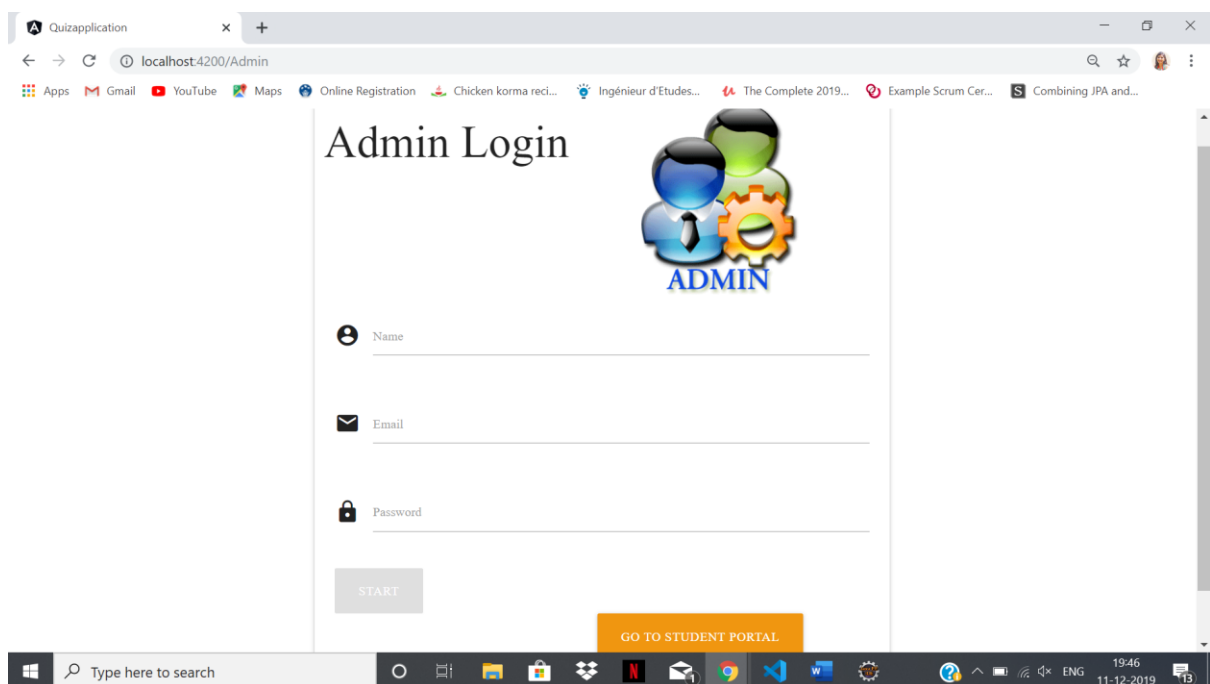
Step 13: Once you've finished your quiz, you can log out.



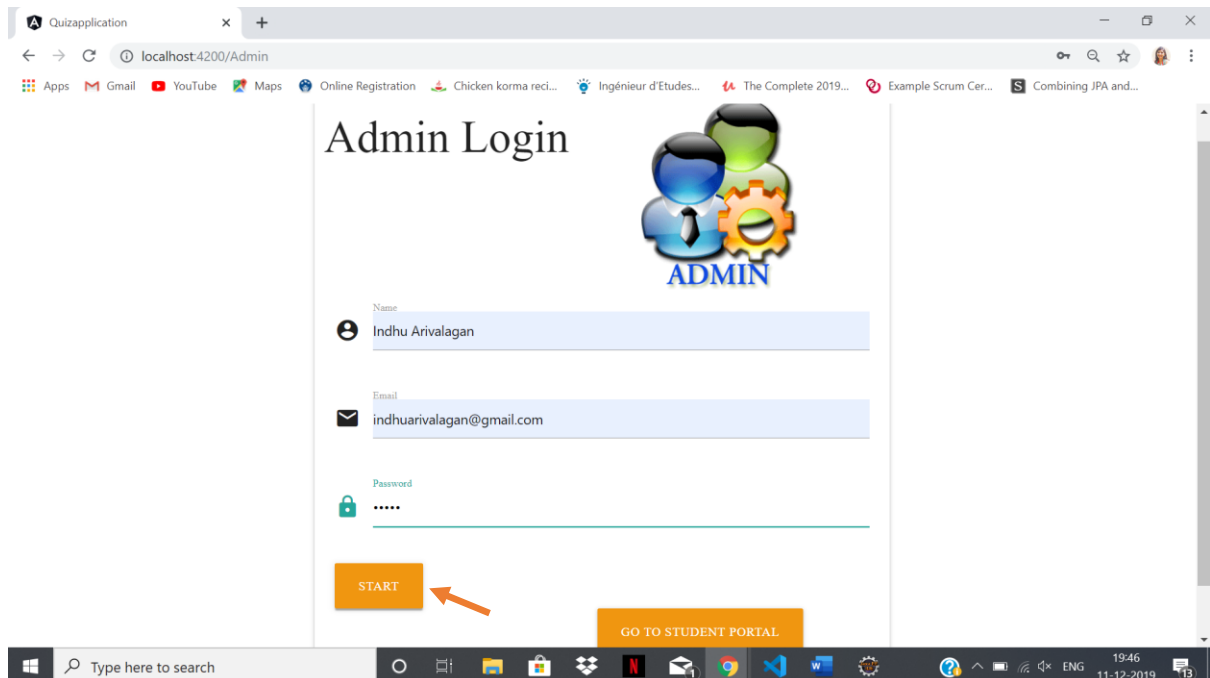
Step 14: You will be redirected to the registration page after you logout and click on "go to Admin Portal" to go to the admin portal.



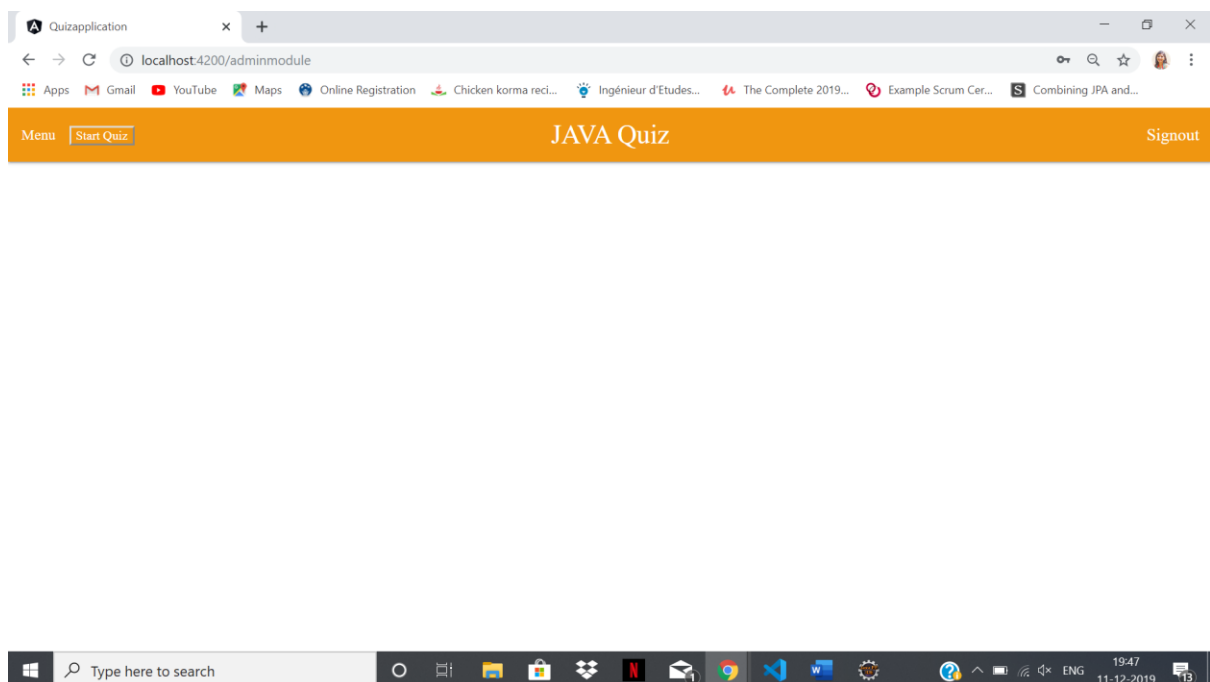
Step 15: That's how the admin portal looks.



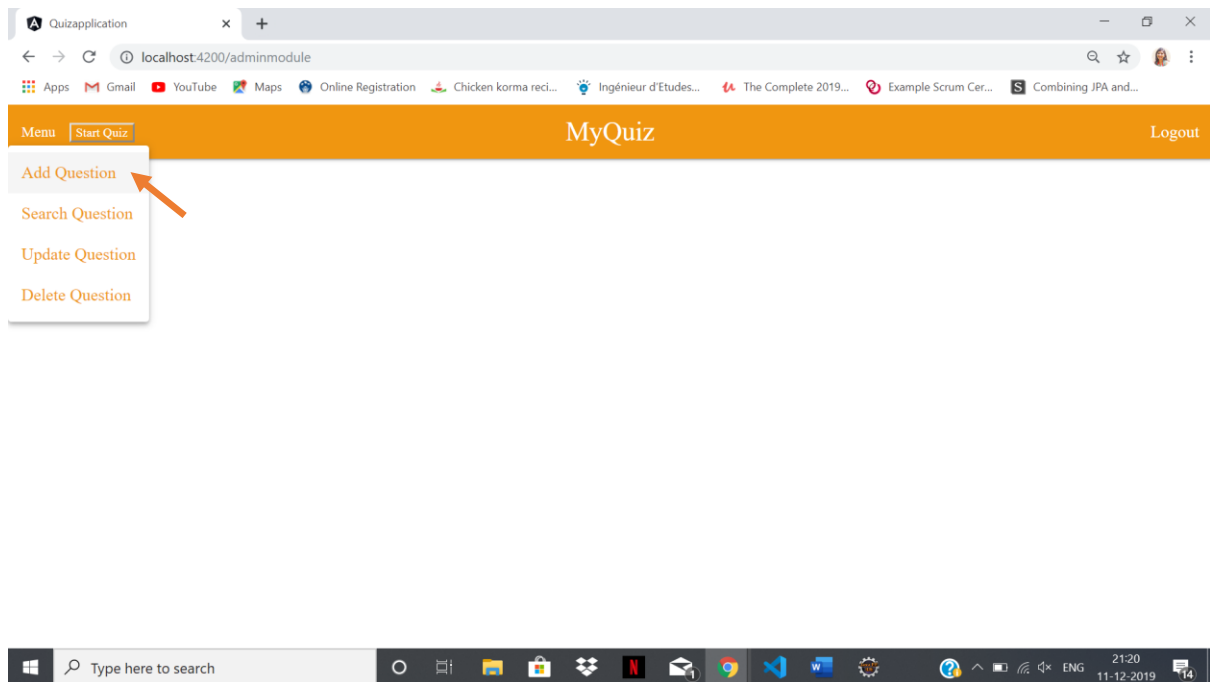
Step 16: To log in to the admin module fill in the username email-id and password.



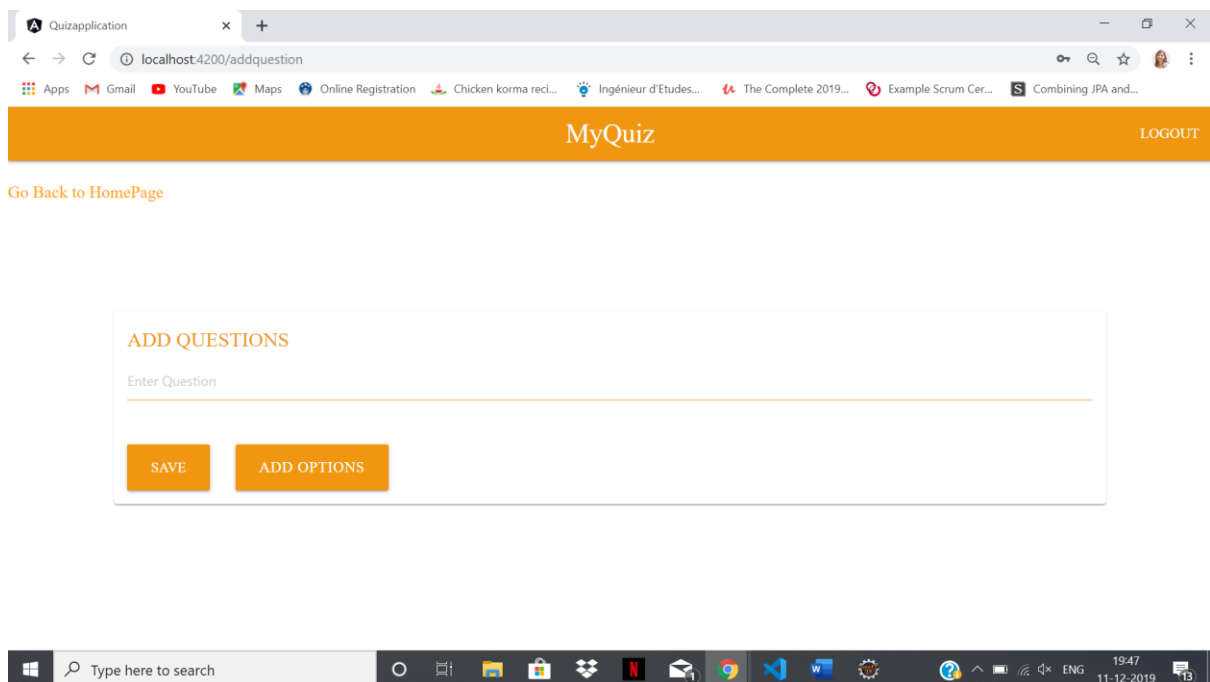
Step 17: That's how the admin Module looks.



Step 18: Tap on the menu and select the operation you want to do



Step 19: Let's see the add operation first, add operation looks like this



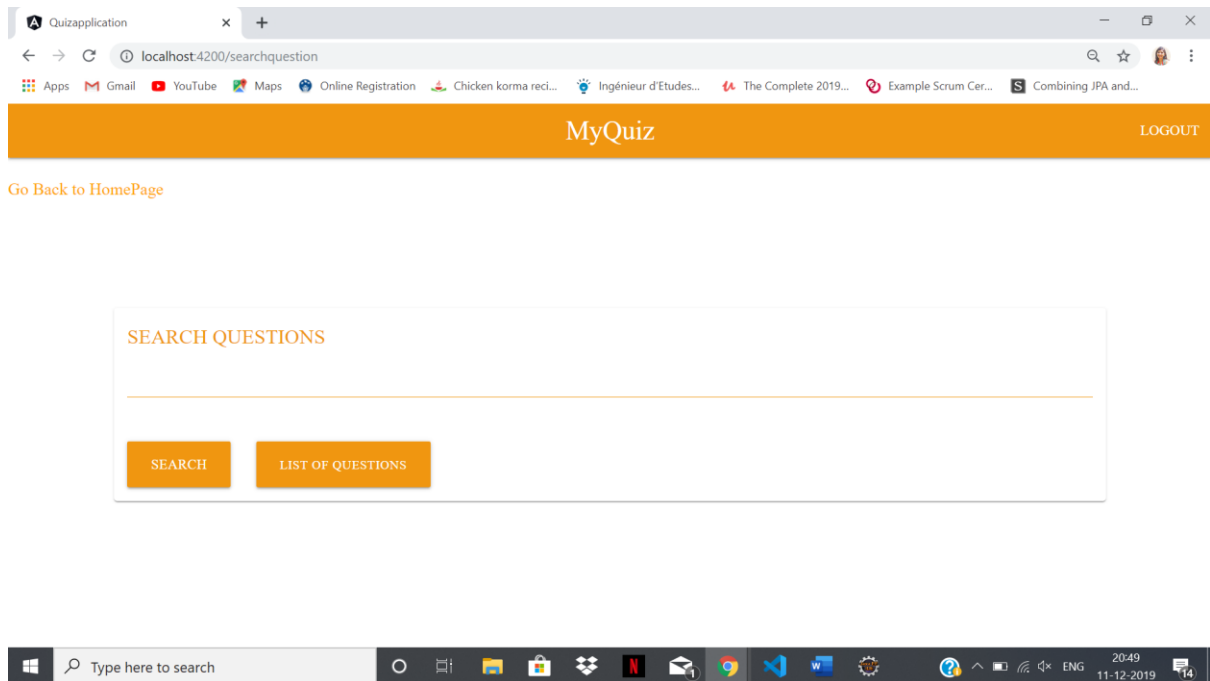
Step 20: Write a question you would like to add to your quiz

The screenshot shows a web browser window with the URL `localhost:4200/addquestion`. The page has an orange header with the text "MyQuiz" and a "LOGOUT" link. Below the header is a link "Go Back to HomePage". The main content area is titled "ADD QUESTIONS" and contains a text input field with the question "Which class is used to map a database row to a java object in spring?". Below the input field are two orange buttons: "SAVE" and "ADD OPTIONS". An orange arrow points to the "ADD OPTIONS" button. The Windows taskbar is visible at the bottom.

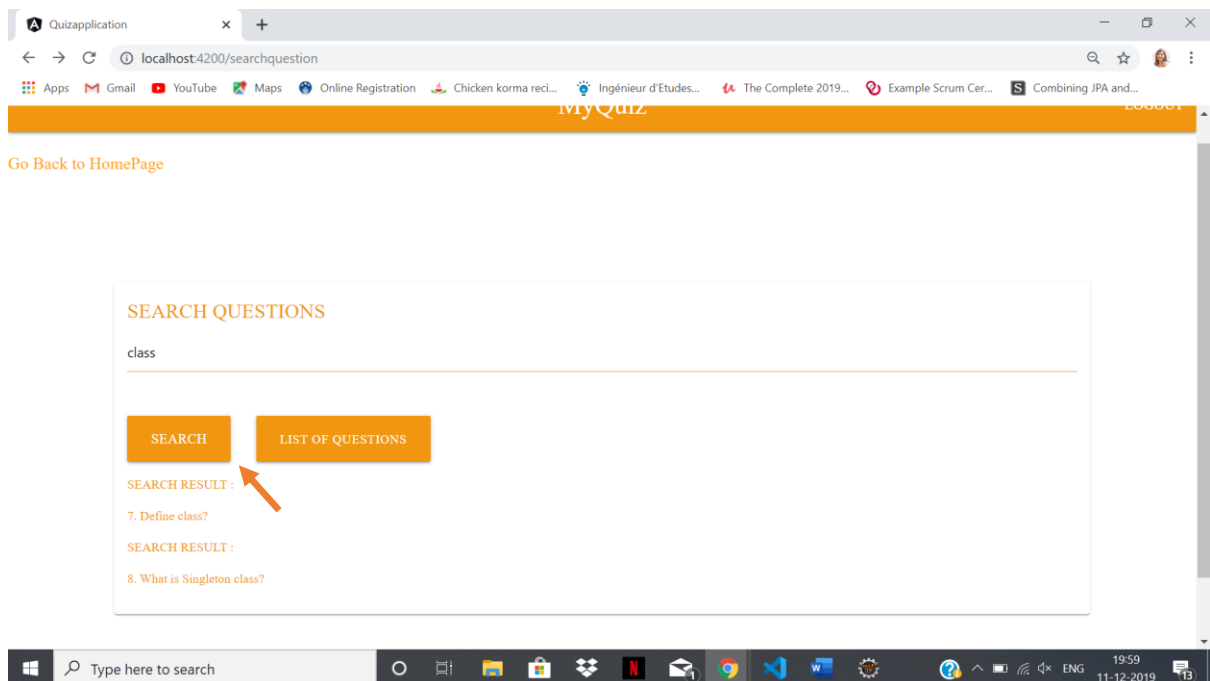
Step 21: Before saving, click the “Add Options” button, then enter the options for that question, and then click “submit” and “save”, your question will be added to the database.

The screenshot shows the same web browser window, but the URL is now `localhost:4200/addquestion/options`. The "ADD QUESTIONS" form is still visible, but the "SAVE" button is now highlighted with an orange arrow. Below the form is a section titled "Enter Options" with a text input field containing "RowMapper". Below this is a "Select" dropdown menu with "TRUE" selected. At the bottom of this section is a green "SUBMIT" button, which is also highlighted with an orange arrow. The Windows taskbar is visible at the bottom.

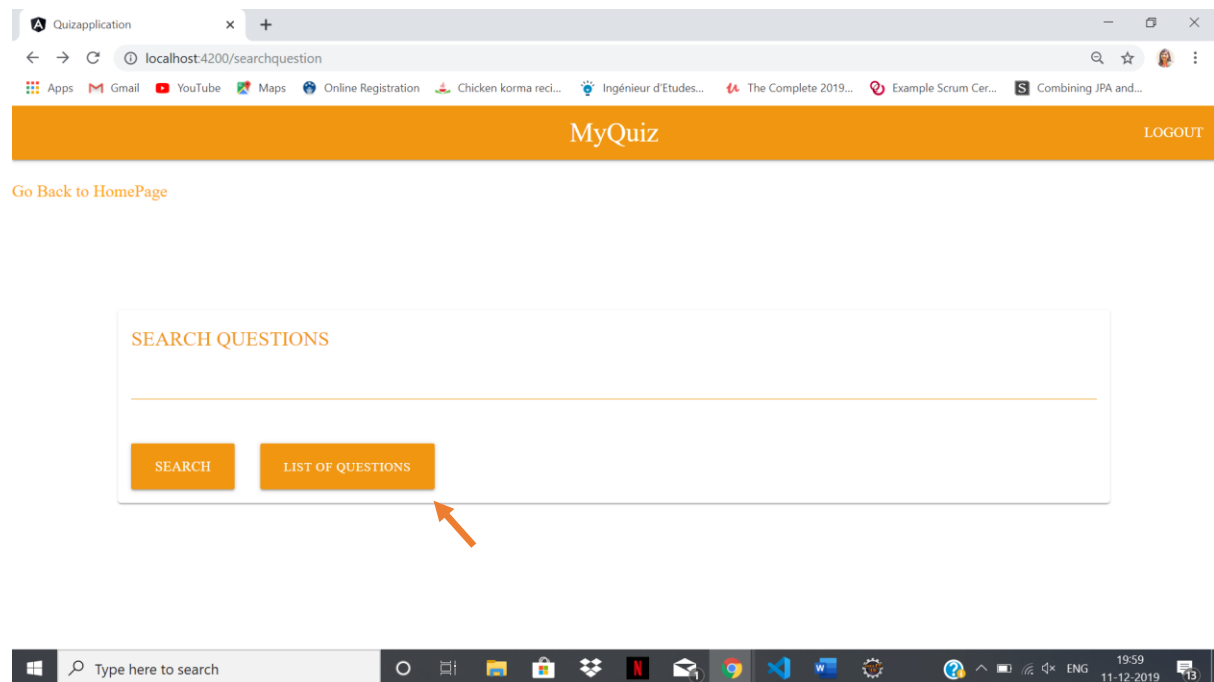
Step 22: Next let's look at the search operation, Search operation looks like this



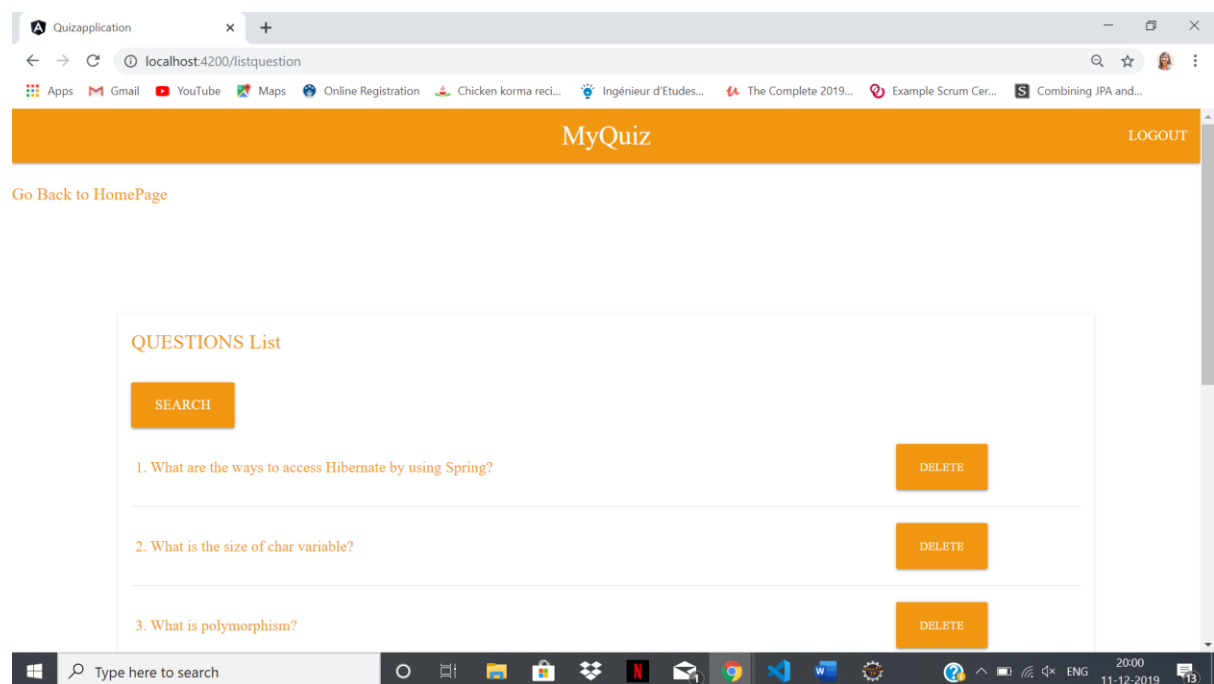
Step 23: Type something that you want to search and then click “search” to see the result of the search below, as you see in the image below.



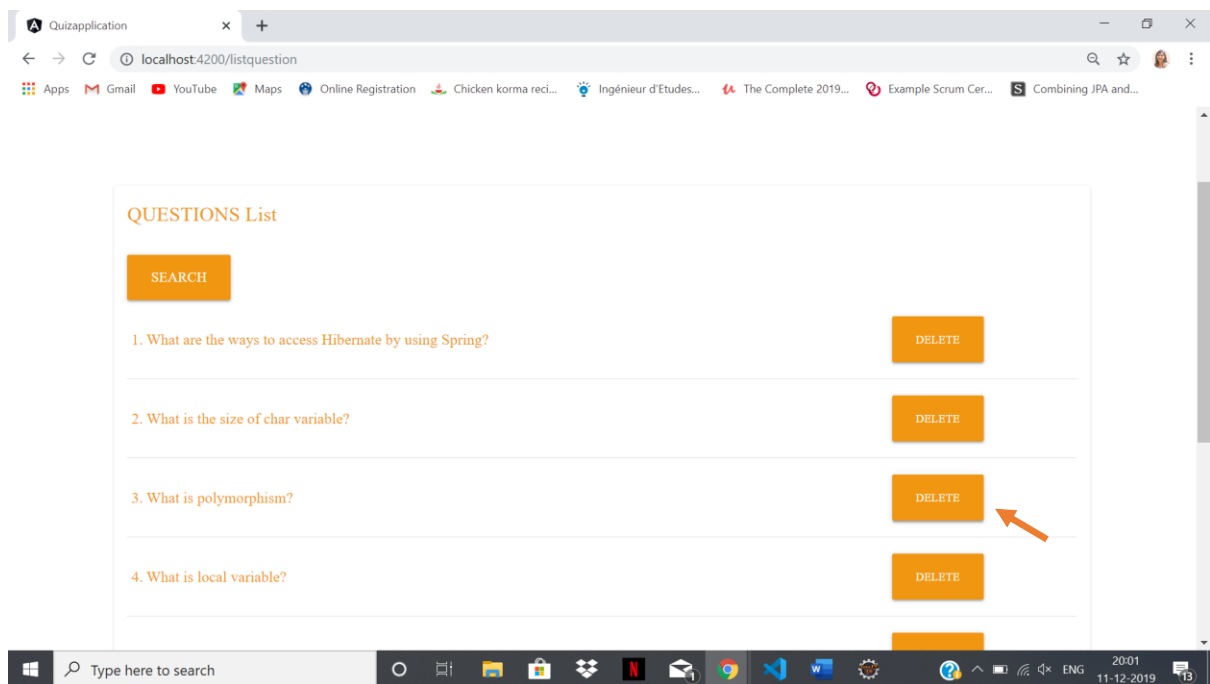
Step 24: Now let's see how the question list works



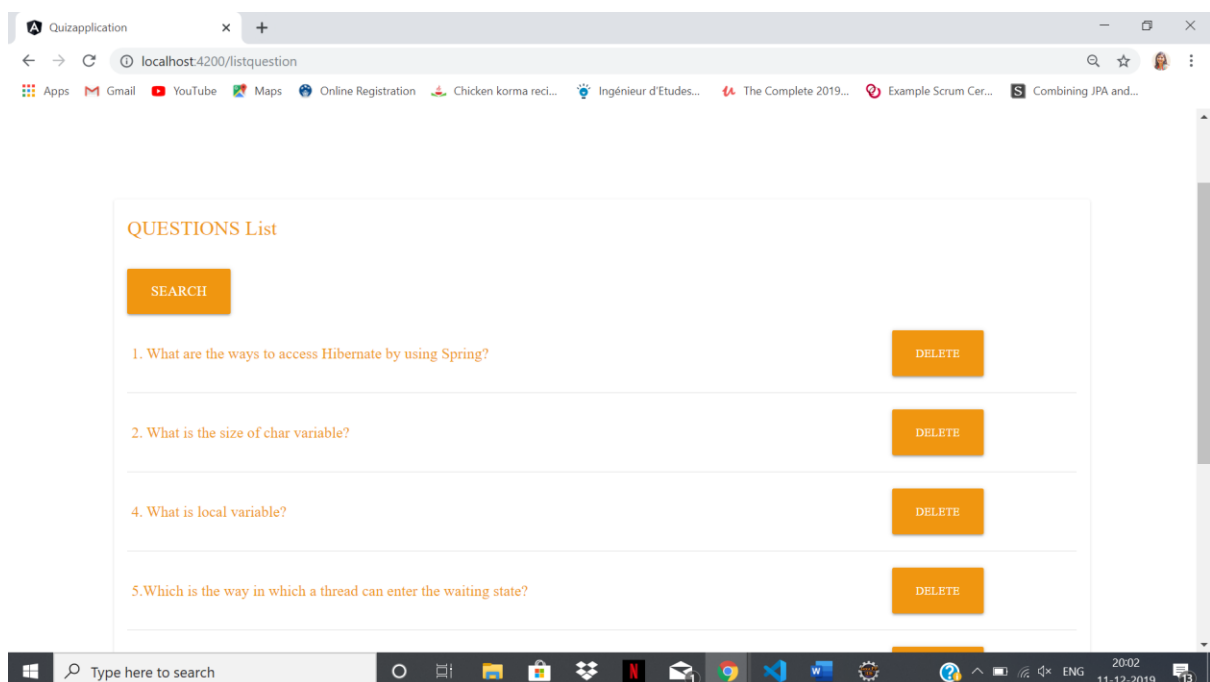
Step 25: To know the list of questions in the database, just click the "List of Questions" button in the search module. All the questions in the database will be displayed.



Step 26: To delete the question, click the delete button next to the question you want to delete, Here I'm deleting the third question



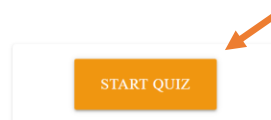
Step 27: You can see in the image below that the third question is deleted.



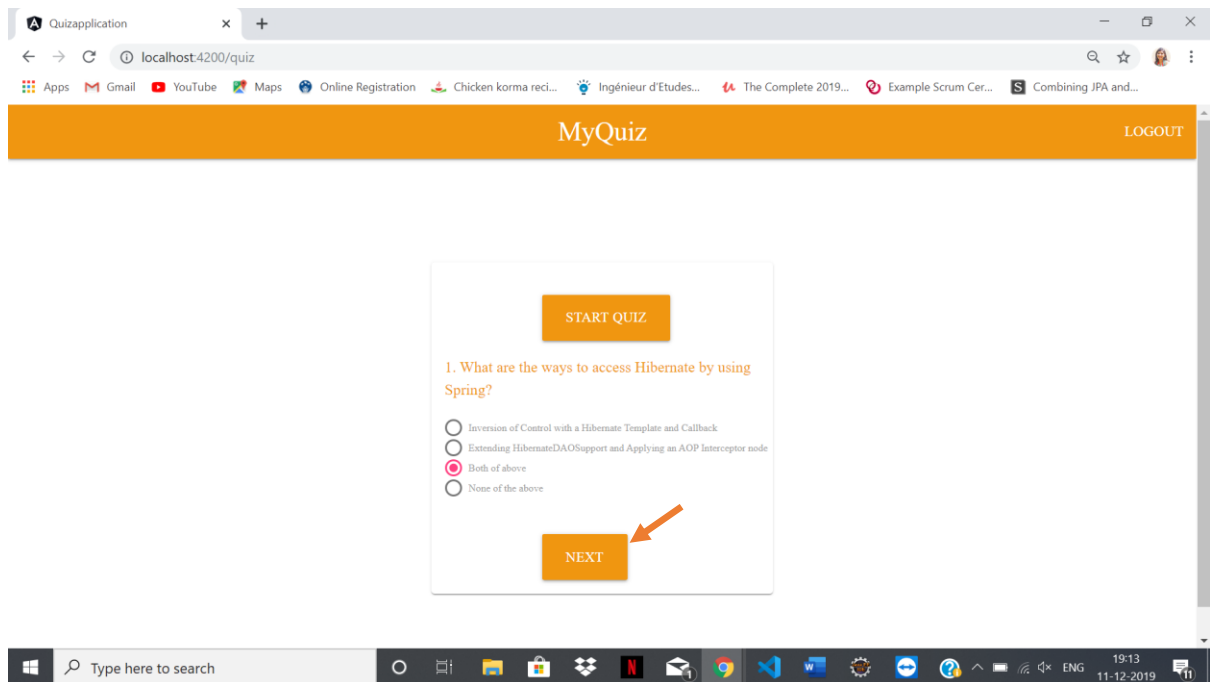
Step 28: Once you've finished all of your operation and you want to start the quiz to see how it works, you'll have to press the “**Start Quiz**” button next to the “**Menu**” button.



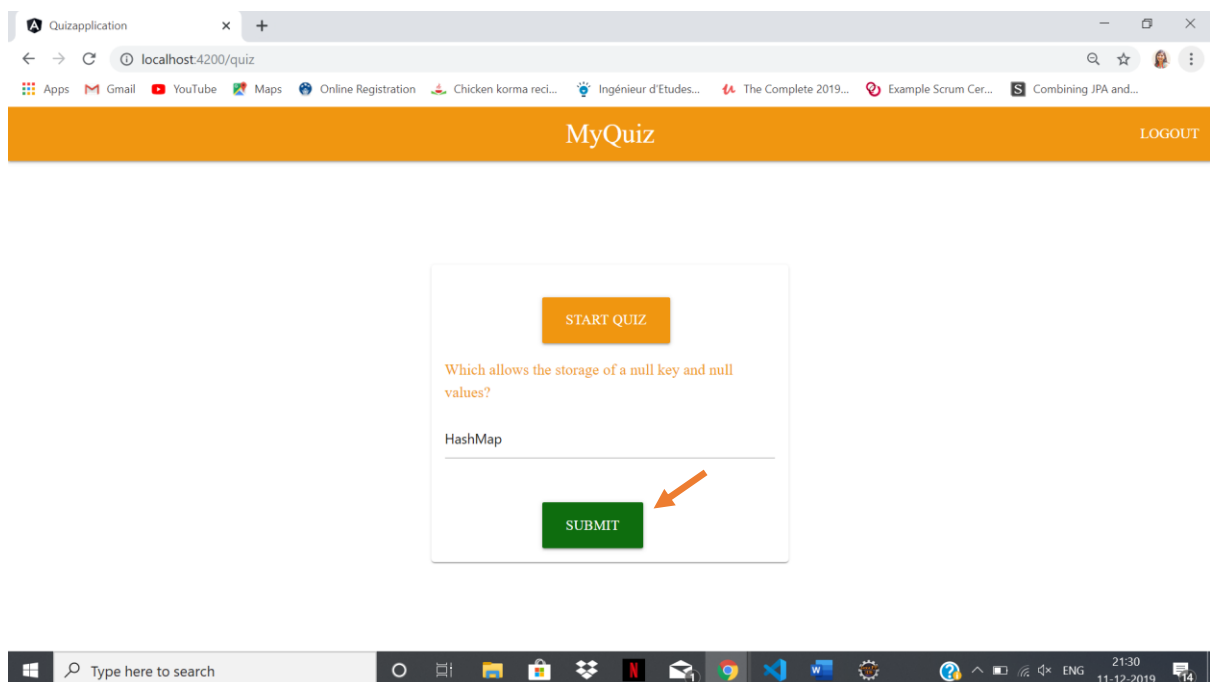
Step 29: Tap on the Start Quiz button to launch the quiz.



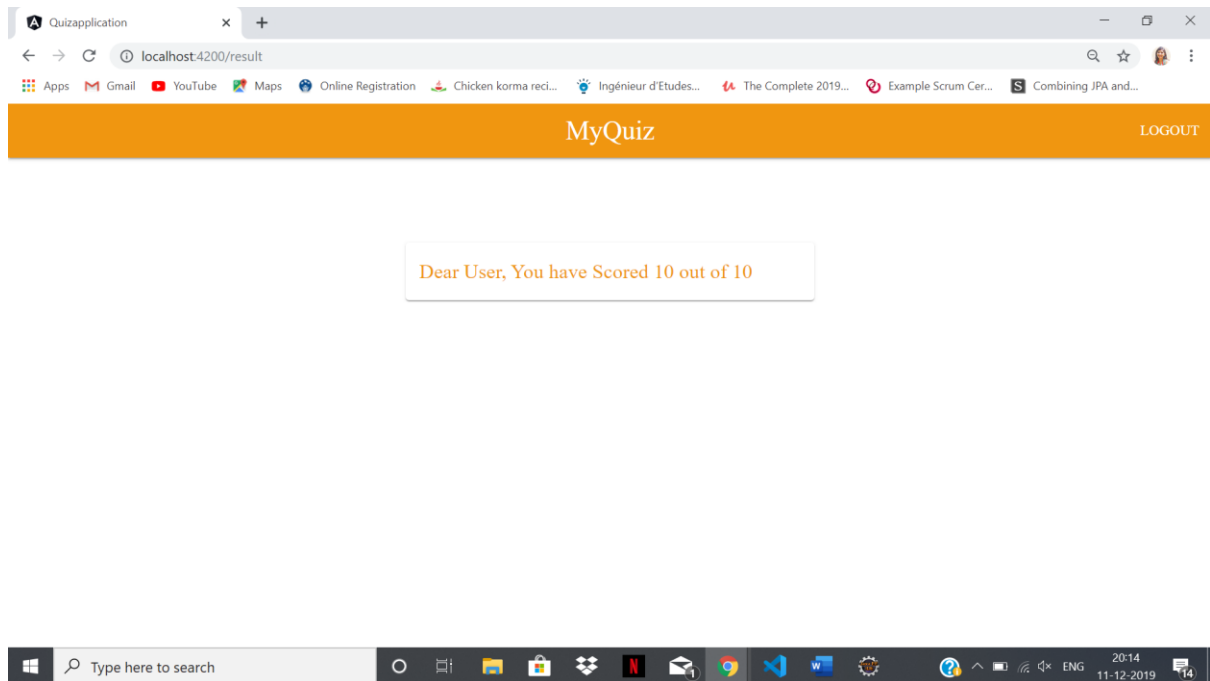
Step 30: The quiz is now ongoing, and once you have finished clicking on the option, click next.



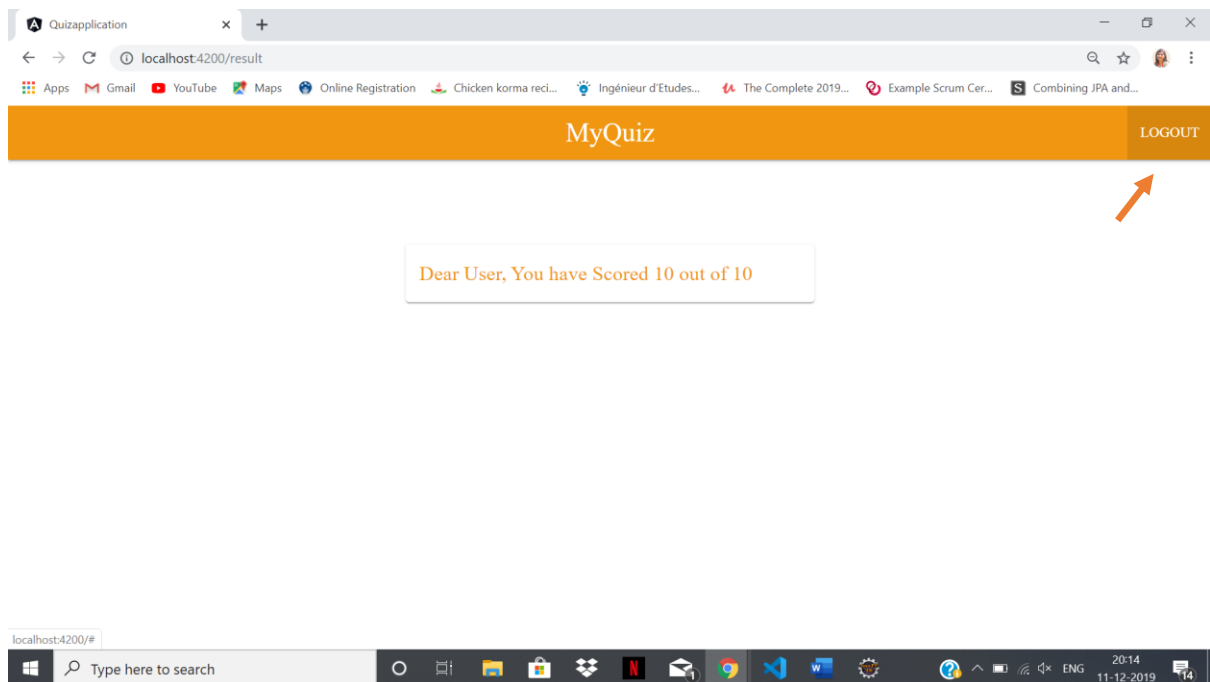
Step 31: Once you have completed the quiz, click on the submit button to see the results.



Step 32: The final score of the quiz will be displayed as follows,



Step 33: Once you've finished your quiz, you can log out.



Step 34: You will be redirected to the registration page after you logout. And that's how MyQuiz Application works.

