



MINISTRY OF EDUCATION OF REPUBLIC OF MOLDOVA

TECHNICAL UNIVERSITY OF MOLDOVA

Faculty of Computers, Informatics and Microelectronics

Software Engineering Department

Web Programming

Laboratory work #4

QUIZ-APP

Author:

Andreea BÎRSAN

std. gr. FAF-193

Supervisor:

Alexei ȘERȘUN

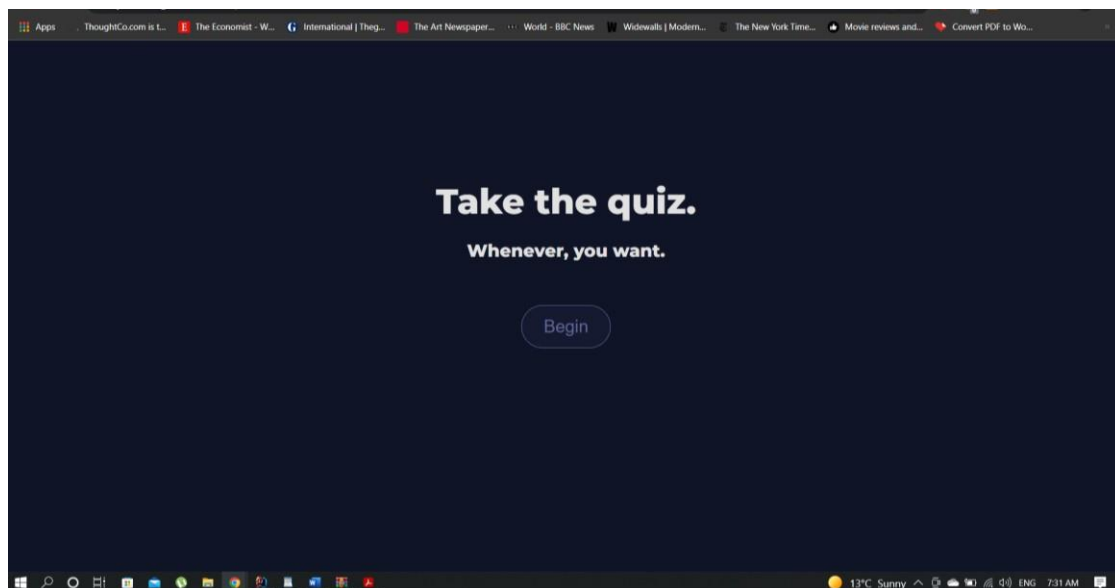
Chișinău 2022

Task

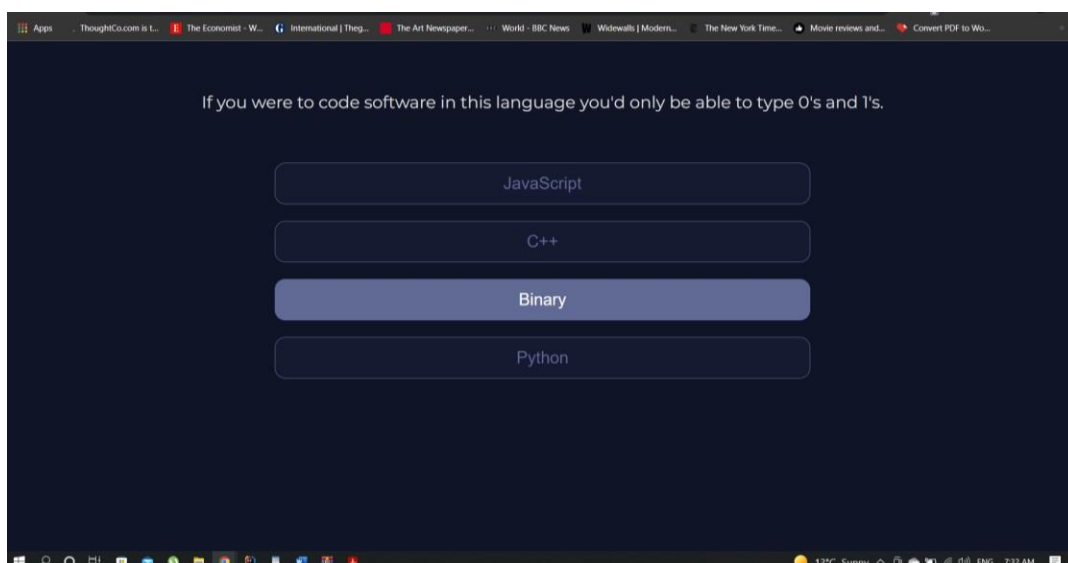
1. Pick a frontend framework;
2. Create a web app that has the following functions:
 - it shows a landing page with different quizzes;
 - the user can pick a quiz and play it;
 - after the game has ended, the user can see their score.
3. The app should have attractive UI;
4. Consume [Quiz API](https://pure-caverns-82881.herokuapp.com) to fetch data from backend server.

The Web Application

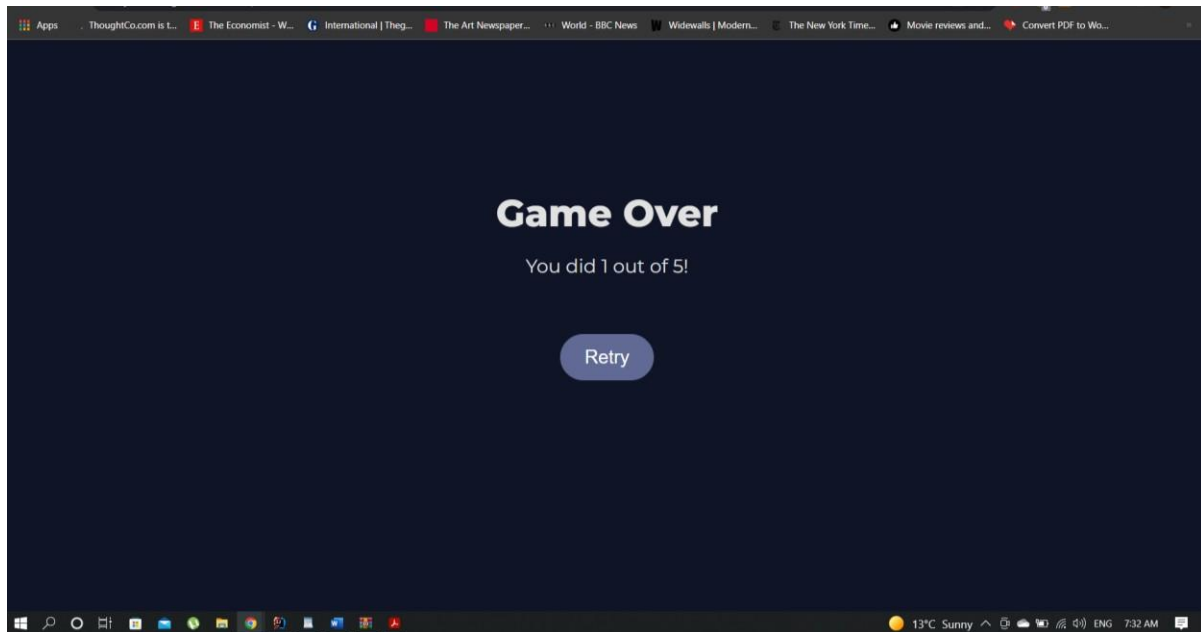
The implemented web application enables the user to take a new quiz each time with 5 programming theoretical questions each. It was created using React



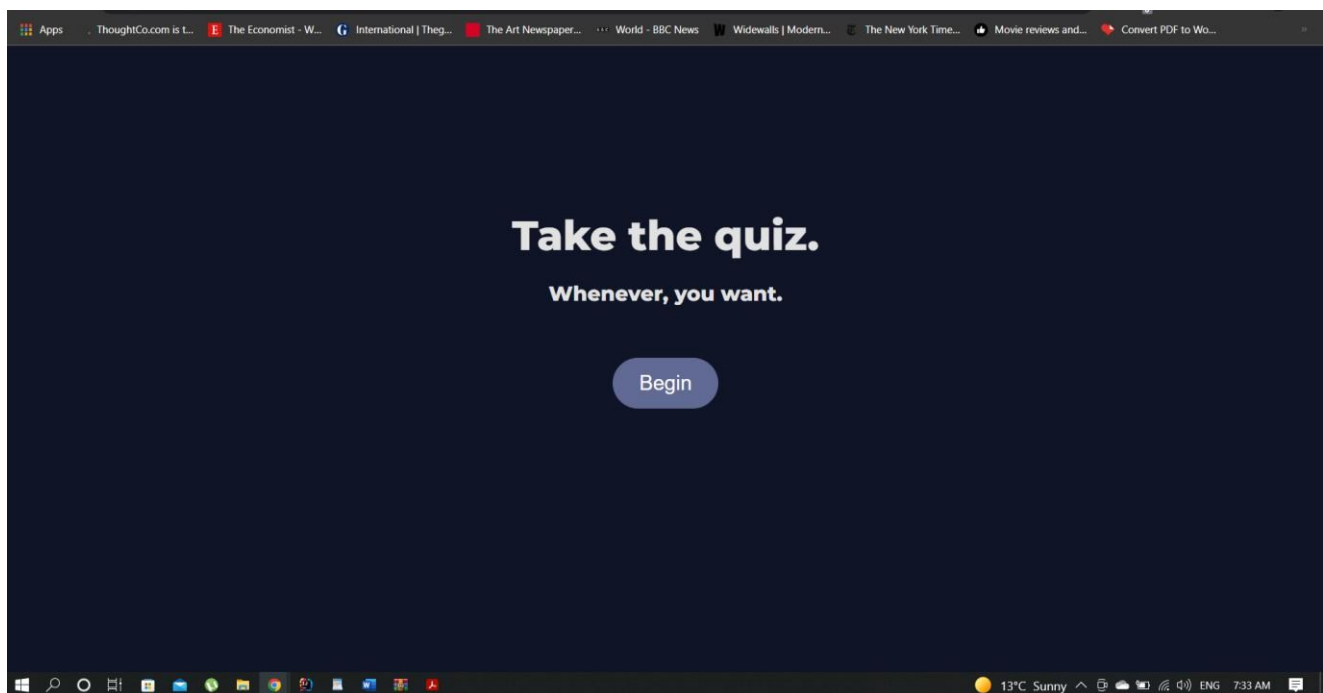
The Home page has a *Begin* button for the user to start the quiz.



The next 5 questions appear on the screen consecutively, after clicking on the chosen answer.



At the end of the quiz the user is able to see how many questions they got right out of 5. After the first quiz the user can click on the *Retry* button and start a new quiz with new questions.



Conclusion

After implementing the 4th laboratory work, I was able to test my knowledge on React, which has strengthened after taking the Coursera classes. Additionally, I worked on my web application implementation skills.

Bibliography

- [1] JavaScript Documentation. <https://developer.mozilla.org/en-US/docs/Web/JavaScript>
- [2] React Documentation. <https://reactjs.org/docs/getting-started.html>