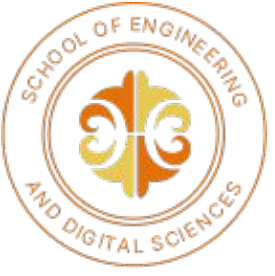




NAZARBAYEV
UNIVERSITY



Web Programming and Problem Solving jQuery (**lab**)

Date: 29.03.2023

Instructor: Adai Shomanov



NAZARBAYEV
UNIVERSITY

Task



Goal:

- In this **Lab** you will build practical skills how to:
 - use JQuery library;
 - modify HTML elements using DOM operations using JQuery;
 - create a quiz with multiple choice questions;
- **Deadlines:**
 - **Soft** deadline: Tuesday, 05.04.2023, until 23:59
 - **Hard** deadline: Thursday, 07.04.2023, until 23:59



Task



In this task you need to create a quiz with multiple choice questions. Specifically, you should:

1. Add JQuery library to the HTML document.
2. Quiz should be generated dynamically using JQuery from the list of questions and their answers/choices.
3. Questions should be placed into a global array **questions**
4. Answers should be stored in a global array **answers**
5. Answer options should be stored in a 2D array **choice_options**, such that for each question 4 choices is used.
6. Questions should be added to the document within a document ready function.
7. Attach a **click** event handler for the button that when clicked should check answers and will display the overall score of the quiz in the bottom part of the quiz.
8. Refer to the files quiz.js, quiz.html for the example of formatting of questions and the general structure of the document.



Submission



To submit your work, follow these instructions (**10 points**):

1. Create a new repository on Github, named **lab8**.
2. Clone this repository to your local machine and work inside it.
3. Edit HTML file, called **quiz.html**.
4. Create a new JavaScript file, called **quiz.js**, which **must** contain your program (assignment) described above.
5. Link this **quiz.js** file to your **index.html** file (see the lecture notes).
6. After you finish your work, submit it to the Github.



NAZARBAYEV
UNIVERSITY

Grading



Task	Points
Create a quiz questions using JQuery	15
Checking of the answers event handler	15
Submission on Github	10
TOTAL	40