

University of Rajshahi
Dept. Of Computer Science and Engineering
B. Sc. Engineering. Part-2 (Even Semester) Examination 2023
Course: CSE2252 (Web Application Development Lab)

Group-1

Use Git to clone the following repository into your computer.

https://github.com/m-r-kushal/lab_2252_a.git

1. In the cloned repository, open the **task1** folder. Edit the ***index.html*** file and perform the following DOM manipulation using JavaScript:
 - a) Write a click event handler to the **"Change Background Color"** button to change the background color of the <body> to **#CCCCFF**
 - b) Write a click event handler to **"Add List Item"** button to append a new with the text **"Item n"** to the . (Here **n** = current list item count +1)
 - c) Add a **keyup** event listener to the input field so that as you type, the text inside <div id="output"> updates to match the input.
2. **task2** folder contains a skeleton React Application for the **Meal Info**.
 - a) Install the project dependencies and run the React app
 - b) Update **"src/pages/CategoryPage.jsx"** page-component so that when user clicks **"View Meal Categories"** button, the app will asynchronously call **API-1** (details below) to fetch all meal categories and displays them on the page. A possible template for Meal Category is given in the page as "Example food category template".
 - c) When user clicks **"View Food"** link at the bottom of each food category, all meals belonging to that category should be displayed on a separate page component. To fetch all meals for a given category, use **API-2**.

API Details:

API-1: List of Meal Categories

Call Signature: <https://www.themealdb.com/api/json/v1/1/categories.php>

API-2: Meals By Category

Call Signature: <https://www.themealdb.com/api/json/v1/1/filter.php?c={category}>

Example: <https://www.themealdb.com/api/json/v1/1/filter.php?c=Seafood>

NB: The use of AI tools to auto-generate code during exams is strictly prohibited and considered a punishable offense. If such tools are installed in your code editor, you must disable or remove them. However, you may use online documentation for assistance.