Instructions:

- First exercise carries 20 points and the last two exercises carries 50 points each.

- Each exercise contains Description of the problem, requirement, hint and expected output.

- Read the instruction clearly before practicing the exercises.

- The answer sheet must be named after the naming convention mentioned in each exercise.

- Each exercise done by student is expected to give the exact same output as mentioned in the document. Failing which may reduce points or assign 0 for that particular exercise.

- All the exercises must be must be completed on time.

- You may discuss about the problem conceptually with the trainer or fellow students or from internet **however getting direct answers or copying code from others or from internet is strictly prohibited.**

- All the program files must be submitted to google classroom.

- All the exercises will be evaluated and points will be updated by the end of each week.

- Based on the points obtained by each student the overall ranking will be maintained.

- **All the documents (including this document) used in this bootcamp are sole properties of KIT and for internal purposes only. Must not be shared to anyone outside of this bootcamp.**

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EXERCISE_01:

Description:

- Create your first Vue project using Vue-Cli.

- Deploy the app to **npm** and show the output in the browser.

Requirements:

- Project must be named as: **01_Mod_01_Vue_cli** and be submitted to google classroom as a compressed zip folder.

- Screenshots of the steps must be added to the word file **01_Mod_01_Vue_cli_screenshots.docx** and to be submitted to the google classroom.

Expected Outcome:

To understand how to create a project with **Vue-cli** and execute with **npm**.

EXERCISE_02:

Description:

- Create a to-do application using Vue-CLI with add, edit and remove tasks**.** Also, the date created or edited a task must also be updated.

Requirements:

- Project must be named: **02_todo_app** and to be submitted to google classroom as a zip file.

Hint:

- Reference tutorial link is posted in the google classroom assignment.

- Learn ES6.

- Learn to use Bootstrap or MaterializeCSS to design the web pages.

- Learn to use jsonplaceholder to get to-dos from https://jsonplaceholder.typicode.com/todos **(Fake online REST API for developers)**.

- Creating and reusing Vue components.

- Using axios for the http communications.

Output:

To create and run a complete to-do application where todo can be added, edited and deleted.

Expected Outcome:

To be able to understand and create a to-do application.

To be able to understand the flow of a Vue application.

Making call to **REST API**s and receive responses.

Establishing http communications using axiom.

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EXERCISE_03:

Description:

- Create a simple app using Vue-CLI to display the current weather of different location. Create a search box to type a city name and show the weather of the city accordingly.

Requirements:

- Project must be named: **03_wether_report** and to be submitted to google classroom as a zip file.

- Use Bootstrap or MaterialCSS or CSS to design the UI.

Hint:

- Find open source weather APIs.

- Learn to make API calls.

Output:

Run the **03_wether_report** with npm and display the weather report based on the selction.

Expected Outcome:

To be able to understand how to make API calls.

ALERT

Make sure that you follow all instructions properly. Be aware that each character is important. Upload your solutions for all the exercises on the google classroom created and shared with you.