**Create a simple "To-Do List" application that allows users to add, view, and remove tasks.**

Specific Requirements:

1. **User Input:** Use the prompt() function to get input from the user for:
   * Adding a new task to the list.
   * Choosing an action (add, view, remove, or quit).
   * Specifying the task **name** to remove (instead of the index).
2. **Variables:**
   * Declare a variable named to-do List that will store an array of strings (the to-do items). Initialize it as an empty array.
   * Declare a variable to store the user's choice of action.
3. **Statements:**
   * Use if/else if/else statements or a switch statement to handle the different actions the user can choose.
4. **Loops:**
   * Use a while loop to keep the application running until the user chooses to quit.
   * Use a for loop to display the to-do list items (you can omit the index numbers now).
5. **Arrays:**
   * Use the push() method to add new tasks to the to-do List array.
   * Use the splice() method to remove tasks from the to-do List array, but now you'll need to **find the task within the array before removing it.**
6. **Strings:**
   * Ensure that the user's input for tasks are treated as strings.
   * Display messages to the user that include string concatenation to provide clear instructions and feedback. For example: "Task added: " + new Task.

The next pages contain a sample of how it should behave.

You may add notifications after every action. To do so use the following code:

*alert(“ If you try to run it in your VS Code after a task, say push or pop, it will show ”);*

Using *console.log()* will end up showing the result in the console. Thus to show the results, you may use *alert()* in place of *console.log()*. It can be used in the same way as *console.log()* is used.

You need to use JS and HTML. CSS is not required.

WELCOME TO THE TO-DO LIST MAKER!

Available actions:

\* Add: Add a new task

\* View: View the current to-do list

\* Remove: Remove a task

\* Quit: Exit the application

Enter an action: Add

Enter the task to add: Buy groceries

WELCOME TO THE TO-DO LIST MAKER!

Available actions:

\* Add: Add a new task

\* View: View the current to-do list

\* Remove: Remove a task

\* Quit: Exit the application

Enter an action: View

To-Do List:

\* Buy groceries

WELCOME TO THE TO-DO LIST MAKER!

Available actions:

\* Add: Add a new task

\* View: View the current to-do list

\* Remove: Remove a task

\* Quit: Exit the application

Enter an action: remove

Enter the task to remove: Buy groceries

Task removed: Buy groceries

WELCOME TO THE TO-DO LIST MAKER!

Available actions:

\* Add: Add a new task

\* View: View the current to-do list

\* Remove: Remove a task

\* Quit: Exit the application

Enter an action: view

To-Do List:

(empty)

Attached below is an image for reference:

