

Web Technologies II

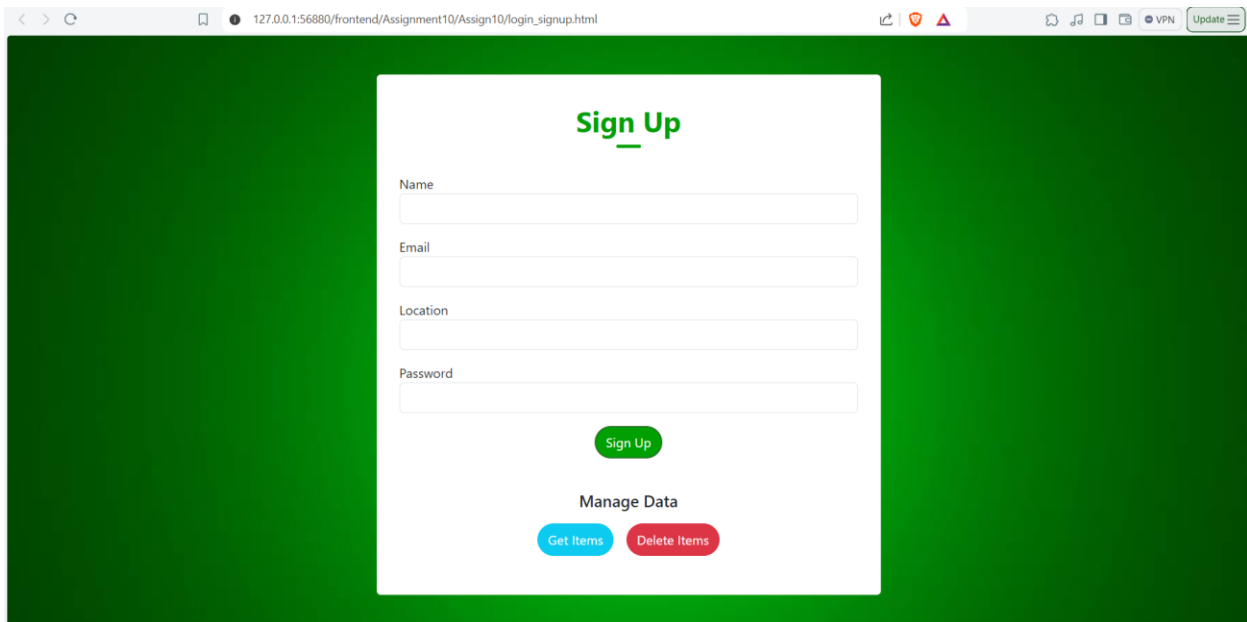
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Assignment # 10

LocalStorage in JavaScript

#Screenshots of the output



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:56880/frontend/Assignment10/Assign10/login_signup.html". The page has a dark green background. In the center, there is a white rectangular form titled "Sign Up" in green text. The form contains four input fields: "Name", "Email", "Location", and "Password". Below the "Password" field is a green "Sign Up" button. Underneath the button is the text "Manage Data", followed by two buttons: a blue "Get Items" button and a red "Delete Items" button.

Before adding to localStorage

The screenshot shows a web application with a green background and a white 'Sign Up' form. The form has fields for Name, Email, Location, and Password, a 'Sign Up' button, and a 'Manage Data' section with 'Get Items' and 'Delete Items' buttons. The Chrome DevTools Application tab is open, showing the 'Storage' section. The 'Local storage' is empty, and the 'Session storage' is also empty. The 'Background services' section is visible, and the 'Frames' section shows the 'top' frame.

Form data stored in localStorage

The screenshot shows the same web application, but now the 'Sign Up' button is disabled (greyed out). The Chrome DevTools Application tab is open, showing the 'Storage' section. The 'Local storage' now contains three items: 'name' with the value 'Shreejana Shrestha', 'lastVisit' with the value 'Fri Jul 26 2024 12:46:28 GMT-0400 (Eastern Daylight Time)', and 'Shreejana Shrestha' with the value '["username":"Shreejana Shrestha","location":"Missis...'. The 'Background services' section is visible, and the 'Frames' section shows the 'top' frame.

Getting the items from localStorage

The screenshot shows a web application interface on the left and the Chrome DevTools Application tab on the right.

Web Application Interface:

- Form fields: Name, Email, Location, Password.
- Buttons: Sign Up, Manage Data, Get Items, Delete Items.
- Display text:
 - Name: Shreejana Shrestha
 - Email: test@test.com
 - Password: 12345
 - Location: Mississauga
 - Last Visited: Fri Jul 26 2024 12:46:28 GMT-0400 (Eastern Daylight Time)

Chrome DevTools Application Tab:

- Storage section expanded.
- Local storage expanded.
- Key: Shreejana Shrestha
- Value: [{"username": "Shreejana Shrestha", "location": "Mississauga", "email": "test@test.com", "password": "12345"}]

Removing the items from localStorage

The screenshot shows a web application with a sign-up form. The form has fields for Name, Email, Location, and Password. Below the form is a green "Sign Up" button. Underneath the button is a "Manage Data" section with two buttons: "Get Items" (blue) and "Delete Items" (red). Below these buttons, the following information is displayed:

- Name:** Shreejana Shrestha
- Email:** test@test.com
- Password:** 12345
- Location:** Mississauga
- Last Visited:** Fri Jul 26 2024 12:46:28 GMT-0400 (Eastern Daylight Time)

A notification box in the top right corner says "127.0.0.1:56880 says User deleted from local storage." with an "OK" button. On the right side, the Chrome DevTools Application tab is open, showing the "Storage" section. Under "Local storage", the item for "http://127.0.0.1:56880" is selected. The "Key" column shows "Shreejana Shrestha" and the "Value" column shows a JSON object: `{user: {name: 'Shreejana Shrestha', email: 'test@test.com', password: '12345', location: 'Mississauga', lastVisit: 'Fri Jul 26 2024 12:46:28 GMT-0400 (Eastern Daylight Time)'}}`.

This screenshot shows the same web application as the first one, but with the DevTools Application tab open. The "Storage" section is expanded, and the item for "http://127.0.0.1:56880" is selected. The "Key" column shows "http://127.0.0.1:56880" and the "Value" column shows the same JSON object as in the first screenshot. The "Sign Up" button is now highlighted in green, and the "Manage Data" section is visible below it.