

Client-Side Storage

Skills Bootcamp in Front-End Web Development

Lesson 6.3





WELCOME

Today's Objectives

By the end of class today, you will:



Use local storage and session storage.



Describe the differences between the two.



Identify when client-side storage is the right solution.



Persist data using client-side storage.

Client-Side Storage

Preview Client-Side Storage

Deploy the todo list in your browser.



We can add items to our todo list.



We can complete items on our todo list.



When we close the browser tab and reopen the application, we see that our todos are still there. Magic!

Add a Todo:

What needs to be done?

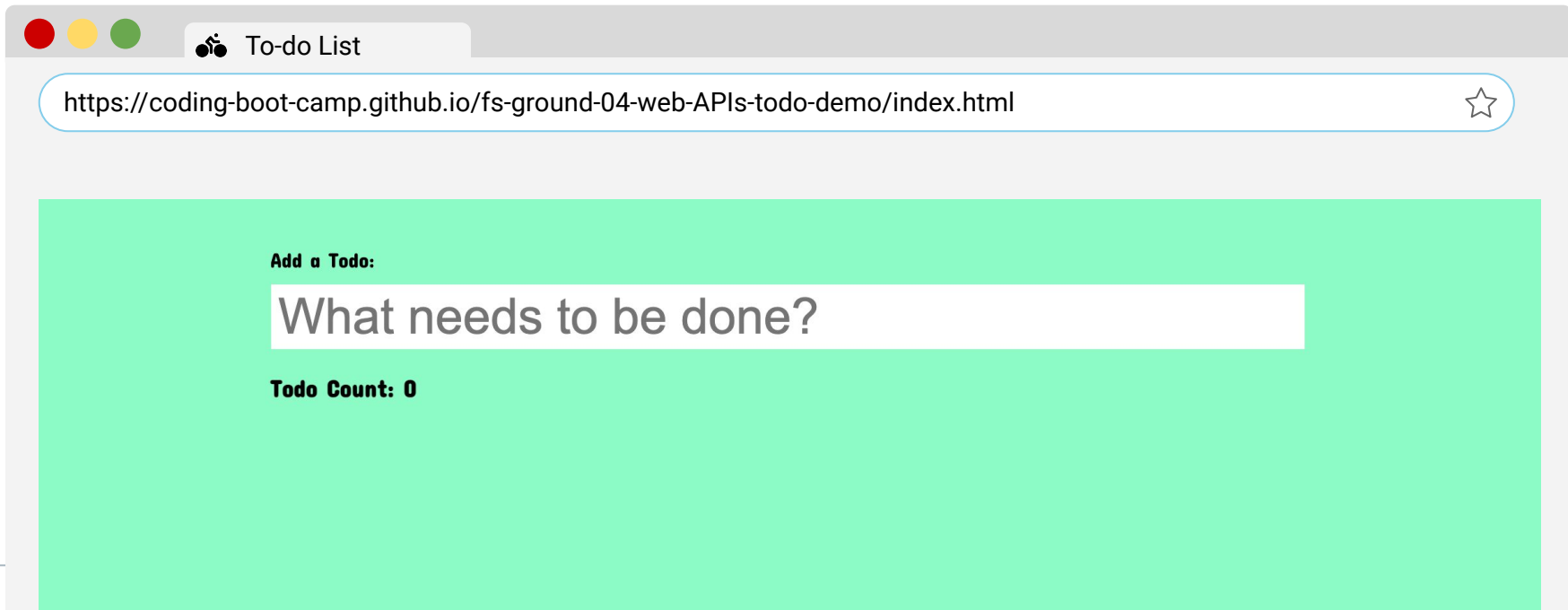
Todo Count: 0



**When we submit an item to our
todo list, where does it go?**

Preview Client-Side Storage

So far, none of the applications we've worked on have had any kind of persistent data. Our items are stored in the browser. When an application was refreshed in the browser, all of its state was reset.



A black silhouette of a person standing on the peak of a jagged mountain, holding a flag aloft. A dashed white line on the mountain's slope indicates a path or trail. The background is a light blue geometric pattern of triangles.

Student Activity: Local Storage

Suggested Time:
15 Minutes





Time's Up! Let's Review.



Instructor Demonstration

Local Storage with Uh-oh (10 mins)



Student Activity: Local Storage With Objects


Suggested Time:
15 Minutes





Time's Up! Let's Review.

ToDo List

A black silhouette of a person standing on the peak of a jagged mountain, holding a flag aloft. A dashed white line on the mountain's slope indicates a path or trail. The background is a light blue geometric pattern of triangles.

Student Activity: Render Todos

Suggested Time:
15 Minutes





Time's Up! Let's Review.

A black silhouette of a person standing on the peak of a jagged mountain. The person is holding a flag aloft with their right hand. A dashed white line representing a path leads up the side of the mountain. The background is a light blue geometric pattern of triangles.

Student Activity: Complete Todos

Suggested Time:
15 Minutes





Time's Up! Let's Review.

A close-up, high-angle shot of a computer keyboard. The central focus is a large, white, rectangular key with rounded corners. On this key, there is a dark blue icon of a coffee cup with three wavy lines above it representing steam. Below the icon, the word "Break" is printed in a dark blue, serif font. The key is set against a light-colored, textured keyboard surface. Surrounding the main key are other keys, including one with a double quote symbol to the left and one with a dash/slash symbol to the right, all slightly out of focus.

Break

A black silhouette of a person standing on a jagged mountain peak, holding a flag aloft. A dashed white line runs up the slope of the mountain. The background is a light blue geometric pattern.

Student Activity: Word Guess Game

Suggested Time:
45 Minutes





Time's Up! Let's Review.

*The
End*