CMPS 2680 Project 2
Spring 2024

Setup

For Project 2, you will be creating a TODO list web application using html, javascript, and CSS.

You will create a project2 folder containing the following files:
todo.html, script.js, and style.css.

HTML

The todo.html will contain the following:
● Make sure to include all of the standard tags required by html pages: doctype, html, head, title, body, etc...
● In the body you will have the following elements:
  ○ A div element with the id “container” with the following children:
    ■ An h3 element
    ■ A div element with the id “list”
    ■ A div element with the id “tools” with the following children:
      ● An input element with the id “todo”
      ● A button element with the id “submit”

Javascript

The script.js will contain the following:
● Add a “click” event listener to the “submit” button element.
  This click event will use the function addTodo that you will define.
● Add a “keypress” event listener to the “todo” input element
  This keypress event will use an ANONYMOUS function(event):
    ○ If event.key is equal to ‘Enter’ then call addTodo();

In the addTodo function:
1. Get the value from the “todo” input element
2. Create a NEW div element and do the following with it:
   ○ Set the class attribute to “listItem”
   ○ Set the innerHTML to the value you got in step 1
   ○ Add a “click” event listener that will use the function element.remove
   ○ Add this element to the “list” div element using the appendChild function
● Set the value of the “todo” input field to an empty string

Stylesheet

The style.css will contain the following:
● Use the container to center everything on the page.
● Customize the fonts, colors, padding, margins, etc of the various divs and elements to give your todo list a professional, cohesive style.
● Make sure that the “list” div properly wraps long words and scrolls vertically if the list gets long.
● Use the “tools” div as a flex container to make it easier to space/align the input and button elements.
Here are some examples of what I mean when I say “cohesive style”:

- Go to the store
- Get gas
- Mow the lawn
- Buy cat food
- Call mom
- Go to bed early