CMPS 2680 Project 2

Spring 2023

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”:

```
Todo List
Go to the store
Get gas
Mow the lawn
Buy cat food
Call mom
Go to bed early
```

ADD