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script.js

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"use strict";

// Define an array to hold the list items

const listItems = [];

// Wait for everything to load before executing the code

$(document).ready(() => {

// Define click event listener for #addItemToList

$('#addItemToList').click(() => {

// Trim the contents of the text field

let newItem = $('#newItem').val().trim();

// Replace the contents of the text field with the trimmed value

$('#newItem').val(newItem);

// Check if the text field is empty

if (newItem === "") {

// Display error for empty input

showError("Error! Franz Liszt's list item cannot be empty. This is unacceptable. Franz Liszt demands you correct his list!");

} else {

// Check for duplicate items

if (listItems.map(item => item.toLowerCase()).includes(newItem.toLowerCase())) {

// Display error for duplicate input

showError("Error! You are attempting to enter a duplicate value!");

} else {

// Check if the list has reached maximum capacity

if (listItems.length >= 6) {

// Display error for list exceeding maximum capacity

showError("Error! Franz Liszt's list can only hold 6 items!");

} else {

// Add the item to the list and update the UI

listItems.push(newItem);

$('#listItemsHolder').append(`<li>${newItem}</li>`);

}

}

}

});

// Define click event listener for #clearList

$('#clearList').click(() => {

// Clear the contents of the unordered list

$('#listItemsHolder').empty();

// Clear the listItems array

listItems.length = 0;

});

});

// Function to display error message

function showError(message) {

$('#errorMessage').text(message);

}