document.addEventListener("DOMContentLoaded", function(){

createBoard();

//createKeyboard();

const key1 = new Keyboard();

key1.displayKeys();

getWord();

// Guess button event handler

document.querySelector('input[type=button]').addEventListener('click', function () {

console.log("Guess button clicked!");

});

// Keyboard mouseover handler

document.querySelectorAll('.board-key').forEach(function(key) {

key.addEventListener('mouseover', function() {

key.style.backgroundColor= 'lightgray';

});

});

// Keyboard mouseout handler

document.querySelectorAll('.board-key').forEach(function(key) {

key.addEventListener('mouseout', function() {

key.style.backgroundColor = 'white';

});

});

// Show/hide debug div

document.querySelector('#debug-btn').addEventListener('click', function() {

var div = document.querySelector('#debug-form');

if (div.style.display === 'none') {

div.style.display = 'block';

} else {

div.style.display = 'none';

}

});

function Cell (letter = "", color = 'white') {

this.letter = letter;

this.color = color;

this.displayCell = () => `<div class='letter-box'></div>`;

}

function Keyboard (letter = "", color = 'white') {

this.symbolArr = [

['q','w','e','r','t','y','u','i','o','p'],

['a','s','d','f','g','h','j','k','l'],

['z','x','c','v','b','n','m']

];

this.letter = letter;

this.color = color;

this.displayKeys = function() {

for (var i = 0; i < this.symbolArr.length; i++) {

let boardRow = document.createElement('div');

boardRow.classList.add('board-row');

for(var j = 0; j < this.symbolArr[i].length; j ++) {

this.letter = document.createElement('div');

this.letter.classList.add('board-key');

this.letter.innerHTML = this.symbolArr[i][j];

boardRow.append(this.letter);

}

document.querySelector('#keyboard').append(boardRow);

}

};

}

function displayGeuss(arr) {

document.querySelector('#board-wrapper')

}

captureGuess();

function captureGuess() {

let maxLength = 5;

geussArr = [];

document.querySelectorAll('.board-key').forEach(function(key) {

key.addEventListener('click', function() {

if (geussArr.length < maxLength) {

geussArr.push(this.innerHTML);

console.log(geussArr);

} else alert("Only 5 letters allowed")

});

});

return geussArr;

}

function createBoard() {

const boardWrapper = document.querySelector('#board-wrapper');

const numGuesses = 6;

const wordLength = 5;

let arr = Array(numGuesses).fill().map(() => Array(wordLength).fill().map(() => new Cell()));

console.log(arr);

boardWrapper.innerHTML = arr.reduce((s, guessArray) => s + guessArray.reduce((s, cell) => s + cell.displayCell(), ""), "");

}

function checkWord(word) {

let key = 'f5585967-bcee-4822-914f-8ed623d8f5c0';

let url = `https://www.dictionaryapi.com/api/v3/references/collegiate/json/${word}?key=${key}`;

fetch(url)

.then(response => response.json())

.then(data => {

let w = data[0].meta.stems[0];

console.log(w);

})

.catch(err => console.log(err.message));

}

function getWord() {

var randomWord;

let key = 'von6krqtargm9cl56x360sohbphxblcjinkqwf9zm6wny7ap4';

let url = `https://api.wordnik.com/v4/words.json/randomWord?hasDictionaryDef=true&maxCorpusCount=-1&minDictionaryCount=1&maxDictionaryCount=-1&minLength=5&maxLength=5&api\_key=${key}`;

fetch (url)

.then(response => response.json())

.then(data => {

document.querySelector('#game-word').innerText = data.word;

randomWord = data.word;

console.log(randomWord);

return randomWord;

})

.catch(err => console.log(err.message));

}

});