DATA:

//DOM, event listeners, event handlers

import {

filterGender,

filterSpecies,

searchName,

percentage,

orderResults,

} from "./data.js";

import data from "./data/rickandmorty/rickandmorty.js";

function showOnCards(data) {

document.getElementById("card-information").innerHTML = data

.map(

(item) =>

` <div class="cards">

<div class="front-image">

<img class="image-card" src="${item.image}">

</div>

<div class="front-text">

<ul class="text-cards">

<li>Nome: ${item.name}</li>

<li> Status:${item.status}</li>

<li>Espécie:${item.species}</li>

<li>Origem:${item.origin.name}</li>

<li>Gênero:${item.gender}</li>

</ul>

</div>

</div>

`

)

.join("");

}

//////////// pegar os elementos paga mostrar nos cartões

showOnCards(data.results);

const genderSelection = document.getElementById("filters-genders");

const speciesSelection = document.getElementById("filters-species");

const alphabetical = document.getElementById("alphabetic-sequence");

const statisticText = document.getElementById("statistics-infos");

const nameCharacter = document.getElementById("filters-names");

////////////////////////// escutador dos eventos(fofoqueiro)

genderSelection.addEventListener("change", showGender);

speciesSelection.addEventListener("change", showSpecies);

alphabetical.addEventListener("change", showOrdem);

statisticText.addEventListener("change", showStatistics);

nameCharacter.addEventListener("keyup", nameCharacters);

///////////////////////FUNÇÕES

/// por GÊNEROS///

function showGender(e) {

const genderResults = filterGender(data.results, e.target.value);

const statisticgender = `${percentage(

data.results.length,

genderResults.length

)}% of character`;

showStatistics(statisticgender);

return showOnCards(genderResults);

}

/// por ESPECIES///

function showSpecies(e) {

const speciesResults = filterSpecies(data.results, e.target.value);

const statisticgender = `${percentage(

data.results.length,

speciesResults.length

)}% of character`;

showStatistics(statisticgender);

showOnCards(speciesResults);

}

/// pesquisa NOME///

function nameCharacters(e) {

const characters = searchName(data.results, e.target.value);

return showOnCards(characters);

}

/// Estatisticas//

function showStatistics(data) {

nameCharacter.innerHTML = `this category represents${data}`;

nameCharacter.style.display = "inline-block";

}

// ordem de AZ/ZA

function showOrdem(e) {

const orderScreen = orderResults(data.results, e.target.value);

return showOnCards(orderScreen);

}

MAIN:

//manipulação de dados através de arrays e objetos

//Exemplo filterData(data, condition)

//export const ordemAlfabetica=;

export const filterGender = (data, condition) => {

const resultGender = data.filter(

(personagem) => personagem.gender.toLowerCase() === condition.toLowerCase()

);

return resultGender;

};

export const filterSpecies = (data, condition) => {

const resultSpecies = data.filter(

(personagem) => personagem.species.toLowerCase() === condition.toLowerCase()

);

return resultSpecies;

};

export const searchName = (data, condition) => {

const screenSearch = data.filter((personagem) =>

personagem.name.toLowerCase().includes(condition.toLowerCase())

);

return screenSearch;

};

export const orderResults = (data, orderResults) => {

if (orderResults === "AZ") {

return data.sort((a, z) => (a.name > z.name ? 1 : -1));

} else {

return data.sort((a, z) => (a.name > z.name ? -1 : 1));

}

};

export const percentage = (total, portion) => {

const resultPercentage = Math.round((portion \* 100) / total);

return resultPercentage;

};