React Inputs Exercises

Working with Text Inputs and useState

Create an input field and whatever you type in the input field, show that text simultaneously below in a paragraph tag.

Solution: https://codesandbox.io/s/textinput-1-5qz5h9-forked-6gtbjq?file=/src/App.js

Challenge for Students:

Create 2 text input fields 'First Name' and 'Last Name'. On entering your name in the text fields, you should populate that input below in a paragraph tag.

Challenge: https://codesandbox.io/s/text-input1-5qz5h9-forked-jjo1ee?file=/src/App.js

Solution: https://codesandbox.io/s/text-input-solution1-5qz5h9-5qz5h9?file=/src/App.js

Search on an Array

Given an array of objects, fruits, which have properties name, colorand quantity. Create a React component that takes a `fruit name` as input from the user, then searches the fruits array for a matching fruit name. If a matching fruit is found, display its `color` and `quantity`. If no matching fruit is found, display a message saying that the fruit was `not found`.

Solution: https://codesandbox.io/s/search-find-5qz5h9-forked-ir8gzd?file=/src/App.js

Working with Dropdown and useState

Each `<option>` element should have a value attribute containing the data value to submit when that option is selected. If no value attribute is included, the value defaults to the text contained inside the element.

Create a React component that allows the user to select a color from a dropdown menu.Change the color of heading text to the selected color. The component should have an initial state value of

"black" for the selected color. The dropdown menu should include at least four color options: black, red, blue, and green. Use the useState hook to manage the state of the selected color.

Solution: https://codesandbox.io/s/dropdown-1-5qz5h9-forked-tndonv?file=/src/App.js

Challenge for Students:

Create a React component, to display all the items in the fruits array on DOM. Create a dropdown select to filter fruits by category and display on the DOM.

Challenge: https://codesandbox.io/s/dropdown-challenge-5qz5h9-forked-e5h5kj?file=/src/App.js

Solution: https://codesandbox.io/s/dropdown-solution-1-5qz5h9-forked-19kyyj?file=/src/App.js

Working with Checkboxes and useState

Challenge for Students:

Create a React component that displays a list of tasks, each with a checkbox next to it. When a checkbox is checked, display the task as strikethrough text.

Challenge: https://codesandbox.io/s/checkbox-challenge-5qz5h9-forked-s3g11q?file=/src/App.js

Solution: https://codesandbox.io/s/checkbox-solution1-5qz5h9-forked-iu16vc

.Sort() Method

```
arr.sort([compareFunction])
```

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Sort Numbers in ascending order:

Challenge: https://codesandbox.io/s/sorting-numbers-0ypnek-0ypnek

Challenge for Students:

List down the products with their details on the DOM. Then sort the products from price low to high on click of a button.

Challenge: https://codesandbox.io/s/sorting-products-by-price-0ypnek-forked-z5f8bj?file=/src/App.js

Homework:

Learn about .includes() and Date() method and .splice(), .slice()