ReactJS Hooks

Graphical user interface, text

Description automatically generated

Graphical user interface, text

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Logical link between 2 components

## CODESANDBOX

## Bootstrap>GetStarted>Download>CDN via jsDelivr – copy paste link in index.html below <link>

## In bootstrap > nav bar components >Brand

<nav class="navbar navbar-light bg-light">

<div class="container-fluid">

<a class="navbar-brand" href="#">Navbar</a>

</div>

</nav>

Uncheck create class before pasting code

## A picture containing chart Description automatically generated

Paste the JSX converted code to header.js, remove <a href>

Font awesome cdn – paste <https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css>

As <link> in index.html below <script>

Search for cart icon in font awesome cheat sheet - <https://fontawesome.com/v5/cheatsheet>

[**https://getbootstrap.com/docs/5.0/utilities/spacing/**](https://getbootstrap.com/docs/5.0/utilities/spacing/) **m e**

<div>{productItem.name}</div>

<div>{productItem.price}</div>

Graphical user interface

Description automatically generated with medium confidence

to improve the UI, Bootstrap>Components>Card – copy code

Graphical user interface, text, application

Description automatically generated

<div className="mt-4" key={productItem.name}>

//unique identifier like index– for loop, pass key attribute in topmost <div> to identify what is unique in cards

3 ways to write function

1. Function randomFunction()

{}

1. Const var = function(){}
2. Const var = () => {}

Update value in useState hook

setMyArray(oldArray => [...oldArray, newElement]);

https://www.techiediaries.com/react-usestate-hook-update-array/

destructuring …

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Destructuring\_assignment

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, website

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Axios is a pkg : it’s used to make API request to Server like basic fetch

Npm install axios in VS Code : axios github - https://github.com/axios/axios

In Codesandbox, add dependency – no need to run any kind of cmd

API : lorem picsum – list images – JSON - <https://picsum.photos/v2/list> - copy paste in JSON parser – url : unsplash – copyright free images

Copy code & change URL – old syntax – changes made in codesandbox

// Make a request for a user with a given ID

axios.get('/user?ID=12345')

.then(function (response) {

// handle success

console.log(response);

})

.catch(function (error) {

// handle error

console.log(error);

})

.then(function () {

// always executed

});

Code :

https://codesandbox.io/dashboard/all/ReactJS%20Tutorials/4\_React\_3?workspace=2d56f3d4-cb4c-480d-b440-9e0e0d08c729