Assignment

MODULE: 1

❖ HTML-CSS Login Registration page

Ans:

https://github.com/KunalPatel30/Assignment/blob/357d7d48bcd36229a03d91
49e6a0a89279c024ac/HTML_CSS_LoginPage.html

MODULE: 2(JavaScript Essentials)

❖ Calculate subtotal price of quantity in JavaScript

Ans: https://github.com/KunalPatel30/Assignment/tree/main/subtotal

❖ What is JavaScript Output method?

Ans: The output can be displayed by using four different ways which are listed below:

➢ InnerHTML:- It is used to access an element. It defines the HTML content.
Syntax:
document.getElementById('id').innerHTML;

➢ document.write():- It is used for testing purpose.
Syntax:
document.write();

➢ window.alert():-It displays the content using an alert box.
Syntax:
window.alert();

➢ console.log():-It is used for debugging purposes.
   Syntax:
       console.log();

❖ How to use JavaScript Output Method?

Ans: JavaScript has different ways to display Output some them are:-

➢ By using innerHTML we can write into HTML element

➢ By using document.write we can write into document

➢ By using window.alert we can access alert as an output

➢ By using console-.log we can access console as an output

❖ How to use JavaScript Events to do all examples?

Ans: JavaScript's interaction with HTML is handled through events that occur when the user or the browser manipulates a page. When the page loads, it is called an event. When the user clicks a button, that click too is an event. Other examples include events like pressing any key, closing a window, resizing a window, etc.

Following is the list of JavaScript listeners' definitions which have specific types of methods :-

- Onload: When your page loads, it performs accordingly.

- Onclick: When a user clicks on a button or inputs it occurs.

- Onmouseover: When a user mouses over on the button.

- Onfocus: Certain scenarios when a user keeps the cursor in a form field.

- Onblur: If a particular form field leaves within it.

MODULE: 3(JavaScript Essentials)

❖ What is React Js?

Ans: The React.js framework is an open-source JavaScript framework and library developed by Facebook. It's used for building interactive user interfaces and web applications quickly and efficiently with significantly less code than you would with vanilla JavaScript.

❖ What is NPM in React Js?

Ans: NPM is short for node package manager, an online directory that contains the various already registered open-source packages. NPM modules consume the various functions as a third-party package when installed into an app using the NPM command npm install .

❖ What is Role of Node Js in React Js?

Ans: NodeJs provides NPM to install open-source packages and also people prefer to use JSX format while React Js. So NodeJs provides efficient environment for creating React by providing useful tools.

❖ What is CLI command in React Js?

Ans: React CLI (aka rct) helps you to automate the most obvious tasks which we as developers used to do manually such as creating a new component by making a separate folder & then making component's jsx or css files manually. rct helps you out with these kind of tasks by providing you simple to use command line tool.

❖ What is Components in React Js?

Ans: A **Component** is one of the core building blocks of React. In other words, we can say that every application you will develop in React will be made up of pieces called components. Components make the task of building UI much easier. You can see a UI broken down into multiple individual pieces called components and work on them independently and merge them all in a parent component which will be your final UI.

Components come in two types, Class components and Function components. Now days, Function components are recommended more than Class components.

❖ What is Header and Content Components in React Js?

Ans: In webpage layout we have Header and Content section. For creating that we are writing bunch of code together in HTML. But in React Js we can create particular component for the respected section of layout, for example we can copy the all the HTML code of header section and put it in a React Js component nature. And by doing that we can easily access that header component in every page of the website. So Header Component represent header section of a layout and content component represent content section of layout.

❖ How to install React Js on Windows, Linux Operating system? How to install NPM and How to check version of NPM?

Ans: For Windows & Linux:-
  ➢ Open Terminal(Command Prompt or Powershell)
  ➢ Go into your desired location where you want to start react app by using 'cd' command in prompt
  ➢ And use the command 'npm create-react-app projectname'

❖ How to check version of React Js?

Ans: To check which React version is your project using you need to open the package. json. Take a look under the dependencies section.

❖ How to change in components of React Js?

Ans: By using Props we can actually change in components of React Js.

We can define props as an argument in child component.

Now we can change that child component in another component by using there arguments as a property while defining child component.

❖ How to Create a List View in React Js?

Ans:

❖ Create Increment decrement state change by button click?

Ans:

https://github.com/KunalPatel30/Assignment/blob/8f3a0109e10527b20b56

bbf9bd78b5bedf44fd50/myreact/src/States/Func_state.jsx