**Let's Get Started, Coder!!**

**Fill the following Document**

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1. Which one of the following is an Imperative Language?

1. HTML
2. CSS
3. Java Script

Answer:

JavaScript.

2. Which one of the following is a Declarative Language?

1. HTML
2. CSS
3. Java Script

Answer:

CSS

3. Name two uses of a DIV tag?

Answer:

1. Layout: DIV tags are often used to create the layout of a web page. By using multiple DIV tags with different styles, web developers can create columns, rows, and other arrangements of content on the page.
2. Grouping: DIV tags can be used to group related elements together, such as a set of paragraphs or images. By wrapping them in a DIV tag, it is easier to apply styles and other attributes to the group as a whole.

4. What is the difference between relative positioning and absolute positioning in HTML?

Answer:

In HTML, relative positioning and absolute positioning are two different ways of positioning elements on a web page.

Relative positioning refers to positioning an element relative to its default position on the page. This means that the element will still take up space on the page, and other elements will be positioned around it based on its original position. The position property is set to "relative" to enable relative positioning. The position of the element can then be adjusted using the top, bottom, left, and right properties.

Absolute positioning, on the other hand, refers to positioning an element relative to its containing element. This means that the element will not take up space on the page, and other elements will not be affected by its position. The position property is set to "absolute" to enable absolute positioning. The position of the element can then be adjusted using the top, bottom, left, and right properties, but the values will be relative to the containing element.

In summary, relative positioning positions an element relative to its original position on the page, while absolute positioning positions an element relative to its containing element and removes it from the normal flow of the page.

5. What is the use of opacity in CSS?

Answer:

The opacity property in CSS is used to adjust the transparency of an element, which means it can make an element more transparent or less transparent. The opacity value ranges from 0 (completely transparent) to 1 (completely opaque).

The use of opacity in CSS can add visual effects and enhance the design of a webpage. For example, it can be used to create a subtle fade-in or fade-out effect when hovering over an image or button. It can also be used to make a background image partially transparent so that text can be easily read over it.

Additionally, opacity can be used to create layered effects on a webpage, where multiple elements are partially visible on top of each other, creating a sense of depth and dimension. It can also be used in combination with other CSS properties, such as transition or animation, to create dynamic visual effects.

6. Which is the programming language used in the React Native Framework?

Answer:

The programming language used in the React Native Framework is JavaScript.

7. Which online editor are we using for creating our apps in React Native Framework?

Answer:

The online editor used for creating apps in the React Native Framework is not fixed, as developers can use various options depending on their preference. Some popular options include Expo Snack, CodeSandbox, and Repl.it.

8. Write the steps to test your first designed app in the online editor on mobile.

Answer:

Open snack expo

Go into live projects

And test it

9. What is the use of the render function in React Native Framework?

Answer:

In React Native, the render function is used to define the components that should be rendered on the screen based on the current state and/or props of the component. The render function is a required method for all React components, and it returns a tree of React elements that represent the component's UI.

Within the render function, developers use JSX syntax to define the structure of the component's UI. JSX is a syntax extension of JavaScript that allows developers to write HTML-like code within their JavaScript code. This makes it easier to create UI components and manage their state.

When the state or props of a component change, the render function is called again to update the UI with the new information. This is known as a re-render. The React framework automatically manages the re-rendering process, ensuring that the UI is always up-to-date with the latest state and props.