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

**Fill the following Document**

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:

HTML.

3. Name two uses of a DIV tag?

Answer:

* The <div> tag defines a division or a section in an HTML document. The <div> tag is used as a container for HTML elements - which is then styled with CSS or manipulated with JavaScript.
* The <div> tag is easily styled by using the class or id attribute. Any sort of content can be put inside the <div> tag.

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

Answer:

An absolute path is a path that describes the location of a file or folder regardless of the current working directory; in fact, it is relative to the root directory. It contains the complete location of a file or directory, hence the name. It is also referred to as absolute pathname or full path and it always starts at the same place, which is the root directory. Absolute paths contain all the relevant information to find the resources indicated by an absolute URL. An absolute path must be used to refer to websites that are on a different domain.

A relative path is a path that describes the location of a file or folder in relative to the current working directory. It can be best used to refer to websites that are located on the same domain, ideally on certain sections of websites in which the documents never change relationships to each other. Unlike absolute paths, relative paths contain information that is only relative to the current document within the same website which avoids the need to provide a full absolute path. In simple words, relative path refers to a path relative to the location of the current webpage.

5. What is the use of opacity in CSS?

Answer:

The opacity property in CSS specifies how transparent an element is. Opacity has a default initial value of 1 (100% opaque). Opacity is not inherited, but because the parent has opacity that applies to everything within it. You cannot make a child element less transparent than the parent, without some [trickery](https://css-tricks.com/non-transparent-elements-inside-transparent-elements/). Values are a number from 0 to 1 representing the opacity of the channel (the “alpha” channel). When an element has a value of 0 the element is completely invisible; a value of 1 is completely opaque (solid).

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

Answer:

JSX – It is a declarative language that is a combination of both HTML and JavaScript style of coding.

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

Answer:

Snack is an online editor provided by Expo to write JSX and React Native code and also to preview the output.

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

Answer:

On the right side of the snack editor, you can see the output of your code. You can see the output for either Android, iOS or Web.

For Android/iOS, you can see the output either on your phone or on the android emulator in the browser by clicking "Run on your device" button. You have to install Expo Client, sign in with the same account and open the project from under Projects Tab.

For Android, you can run the app in mobile phone by logging in with the same credentials as that used to login to online snack editor. You can also scan the QR Code to run the app on mobile without logging in.

For seeing the output on the device emulator in the browser, you have to press "Tap to play". You might have to wait in a queue as there are many systems online using a common emulator.

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

Answer:

The render function simply displays whatever components are returned by it. The code written in render function contains tags corresponding to React Components that it returns. The render function can return only one React Component. If there are more than one React Components to be returned, them they should be nested inside a View Component and this View Component should be returned.

10. What is the use of return function in React Native Framework?

Answer:

The return function returns the React Component to be displayed on the screen. It contains JSX code, that is, React Component tags and their styles defined on these Components to be returned to the screen.

11. What are the various components in your first app that you designed?

Answer:

Text, Button, View from react-native library and React, Component from react library.