**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: Java script

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 is known as Division tag. The div tag is used in HTML to make divisions of content in the web page like (text, images, header, footer, navigation bar, etc). Div tag has both open ( ) and closing ( ) tag and it is mandatory to close the tag.

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

Answer: When you set the position relative to an element, without adding any other positioning attributes (top, bottom, right, left) **nothing will happen**. When you add an additional position apart from relative, such as left: 20px the element will move 20px to the right from its normal position.

Absolute positioning is done **relative to the first relatively (or absolutely) positioned parent element**. In the case when there is no positioned parent element, the element that has position set to absolute will be positioned related **directly to the HTML element (the page itself)**.

5. What is the use of opacity in CSS??

Answer: When using the opacity property to add transparency to the background of an element, all of its child elements become transparent as well. This can make the text inside a fully transparent element hard to read. If you do not want to apply opacity to child elements, use RGBA color values instead

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

Answer: React Native is a [JavaScript framework](https://www.educba.com/best-javascript-frameworks/) created by Facebook for writing real mobile applications especially for [iOS and Android](https://www.educba.com/ios-vs-android-comparison-smartphone-app-wars/). It comes out of React, Facebook’s JavaScript library used for building user interfaces but it mainly focuses on Mobile Platforms. Now the web developers can write mobile applications all from the comfort of a JavaScript library that they already know.

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

Answer: snack

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

1. Answer: To validate whether all the required mandatory fields are working as required.
2. To validate that the mandatory fields are displayed in the screen in a distinctive way than the non-mandatory fields.
3. To validate whether the application works as per as requirement whenever the application starts/stops.
4. To validate whether the application goes into minimized mode whenever there is an incoming phone call. In order to validate the same we need to use a second phone, to call the device.
5. To validate whether the phone is able to store, process and receive SMS whenever the app is running. In order to validate the same we need to use a second phone to send sms to the device which is being tested and where the application under test is currently running.
6. To validate that the device is able to perform required multitasking requirements whenever it is necessary to do so.
7. To validate that the application allows necessary social network options such as sharing, posting and navigation etc.
8. To validate that the application supports any payment gateway transaction such as Visa, Mastercard, Paypal etc as required by the application.
9. To validate that the page scrolling scenarios are being enabled in the application as necessary.
10. To validate that the navigation between relevant modules in the application are as per the requirement.
11. To validate that the truncation errors are absolutely to an affordable limit.
12. To validate that the user receives an appropriate error message like “Network error. Please try after some time” whenever there is any network error.
13. To validate that the installed application enables other applications to perform satisfactorily, and it does not eat into the memory of the other applications.
14. To validate that the application resumes at the last operation in case of a hard reboot or system crash.
15. To validate whether the installation of the application can be done smoothly provided the user has the necessary resources and it does not lead to any significant errors.
16. To validate that the application performs auto start facility according to the requirements.
17. To validate whether the application performs according to the requirement in all versions of Mobile that is 2g, 3g and 4g.
18. To perform [Regression Testing](https://www.guru99.com/regression-testing.html) to uncover new software bugs in existing areas of a system after changes have been made to them. Also rerun previously performed tests to determine that the program behavior has not changed due to the changes.
19. To validate whether the application provides an available user guide for those who are not familiar to the app

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

Answer: the function of render is to display

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

Answer:  Whatever a **function** component **returns** is rendered as a **React** element. **React** elements let you describe what you want to see on the screen.

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

Answer: there is a button whose name is “click me”, when we click that button an alert box pops up and says “get lost”.