**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
4. Answer: Java Script

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

1. HTML
2. CSS
3. Java Script
4. Answer: HTML

3. Name two uses of a DIV tag?

Answer:

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(<div>) and closing (</div>) tag and it is mandatory to close the tag.

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

Answer:

5. What is the use of opacity in CSS?

Answer:

In a nutshell …

position: relative places an element relative to its current position without changing the layout around it, whereas position: absolute places **an element relative to its parent's position and changing the layout around it**.

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

Answer:

JavaScript

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

Answer:

**Visual Studio Code**

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

Answer:

##### **1. Documentation Testing**

The beginning of mobile testing takes place from Documentation testing -preparatory stage.

Even before the development of the app starts the testers are handed over screen layouts, navigational charts, and other requirements that are obscure on the design.

In this phase, you need to analyze the requirements for wholeness and discrepancy. All the discrepancies found in this stage are required to be resolved before the development begins

Documentation phase marks the creations and analysis of requirements (Specification, PRD), [Test Cases](https://www.testbytes.net/blog/test-cases-for-mobile-applications/), Test Plan, Traceability Matrix.

##### **2. Functional testing**

It helps you test whether your mobile application works as expected and in accordance to the requirement specifications. While you are performing [functional testing](https://www.testbytes.net/software-testing-services/functionality-testing/) for your app keeps the following factors in mind:

* Business functionality of your app like banking, social networks, ordering and delivery of food, education, tickets, the game industry, etc.
* Target audience like companies, students, entrepreneurs, etc.
* Distribution channels like Google Play, direct delivery, App Store, etc.

The basic validations that you need to test in functional testing are:

* Installing and running the application
* Fields testing
* Business functionalities testing
* Interruptions testing
* Constant users feedback testing
* Update testing
* Device resources testing

##### **3. Usability Testing**

[Usability testing](https://www.testbytes.net/blog/how-usability-testing-benefits-the-end-user/) ensures that your application offers convenient browsing to your customers and creates an intuitive interface that abides by industry standards. It promises fast and easy-to-use applications. Usability of your application is judged based on these basic three criteria:

* Satisfaction
* Efficiency
* Effectiveness

##### **4. UI (User Interface) testing**

User Interface (UI) testing ensures that your application’s [GUI](https://www.testbytes.net/blog/gui-testing/) meets all the required specifications.

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

Answer:

The term “render prop” refers to a **technique for sharing code between React components** using a prop whose value is a function. A component with a render prop takes a function that returns a React element and calls it instead of implementing its own render logic

10. What is the use of the return function in the 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:

1. Automating business processes
2. Inventory management
3. Task management
4. Customer self-service
5. On-demand data collection, aggregation, and analysis
6. Opening a new revenue stream
7. Improving a customer-facing process
8. Improving an internal process
9. Customer education tools
10. Employee education tools