***About ‘react-native’***

***In react-native, we have a few functions and codes, such as;***

* ***return()***
* ***render()***
* ***import***
* ***export, etc***

**This document will tell you about different codes in the react-native, and what react-native is.**

**React-native is an open source JavaScript Mobile framework which is specially designed to build native mobile apps for iOS and Android. Many famous apps such as—Facebook, Instagram, Snapchat, iMessage, etc—use react-native. It can be used to code in many different coding languages such as;**

* **CSS**
* **JavaScript**
* **Python, etc**

**The good thing about react-native is that it can be accessed online for free, plus, it has a code template to get you started. Here is an example code;**

import React from 'react';

import { Text, View} from 'react-native';

const App = () => {



   return (

      <View style={{flex :1, justifyContent: 'center', margin: 15}}>

   <Text style={{color:'red', fontSize:30}}>Hello World</Text>

      </View>

   );

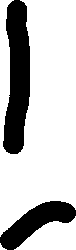
}

export default App;



Graphical user interface

Description automatically generated with low confidence



**Now that we know about what react-native is, we can know learn what its codes do. What this means is, what do the following text codes mean. I have told you some examples at the beginning of the document.**

**There were only four codes at the beginning, but there are many more. Let’s explain what the first four codes do.**

1. **Return(). This stops the execution of a function, and returns a value from that function. In simple words, it stops the execution of a function and returns a value.**
2. **Render(). This function takes two arguments, HTML code and an HTML element. The purpose of the function is to display the specified HTML code inside the specified HTML element. In simple words, it displays the HTML code in the output.**
3. **Import. This command imports a particular module or a named parameter. In very simple words, it imports parameters from other classes.**
4. **Export. This command does the opposite of import, instead of importing modules/parameters, it exports them so they are usable in other JS files.**

**That was what the first four codes(most commonly used codes) do. Now let’s explore another few codes and their doings.**

1. **componentDidMount(). This function executes the React code when the component is already placed in the DOM(Document Object Model). This function is the Mounting Phase.**
2. **Constructor(). This method allows us to initialize an object in a class. Example code;**
3. constructor(props) {
4. super(props);
5. this.state = {};
6. }

**3.** **ComponentWillUnmount(). This function immediately invokes before a component is destroyed or permanently unmounted, and performs any necessary clean ups.**

Those are all the functions that we need to know for now.