React native

Framework , open source,

Single bode base

Imperative - write each and write evry line of code , hard – sql

Declarative – hard pblms are solved , react, angular, use whatever available instead of writing from scratch,

Dom –tree rep of html elemets

All elements are refreshed when there is a change

Virtual dom – copy dom, only modify the change elements

Expo,

Node js,npm,

npm install -g expo-cli

react native init

Basic components

Styling

Basic app

Flutter, ionic

Browser understands html,css,js

Use babel,webpack to transpile react into js

React gives choices to state management – redux, mobex,

Choices to router – react,router dom

Functional hooks=useState hooks start with “use”

Const [count, setcount]= useState(intialState)

Container =state in constructor

Local storage.setItem(“name”,”nandhini”)

Local Storage.getItem(“name”)

LocalStorage.clear()

Life cycle methods

Phases of component

useEffect in functionala components

useEffect(function, dependency array(array))

pass empty array => useeffect called only one time during mount like comp did mount

dependency array not passed => useffect get called on mount and every state update

pass array [count]=>useeffect get called only when particular state is updated

async uses event loop to sync use use effect

npm install –g expo-cli

expo init counter

expo start

Text, View, Button

scroll view

text view

flat list

flexbox

styleSheet style={[styles.box,styles.red]} //array of styles

safeareaview – ios – In root app

platform to apply some styles to only iphone, not to android

AsynStorage as local storage in web

Asyn call fetch/axios

Justify content works on main axis

Main axis for flex is column (vertical)

Align items works on anti main axis

Expo install react-native-gesture

False values= null , undefined , “”, 0

Other are truthy values

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7:14 PM

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[https://github.com/tajammul1996/newsapp-rn](https://meet.google.com/linkredirect?authuser=5&dest=https%3A%2F%2Fgithub.com%2Ftajammul1996%2Fnewsapp-rn)