Why to learn React?  
make easy to manage and build complex front end

Why react was created

Phantom/ ghost message problem

Stage/variable managed by js & UI managed by DOM

Khan academy and Unplash adopted the react initially

Topics to learn

Core of React ( state or UI manipulation, JSX)

Component reusability

Reusing of component (props)

How to propagate change (hooks)

Additional Addon to React

Router (React do not have router) // react router DOM

State management (React do not have state management)

Redux, redux toolkit, zustand, context API

Class based component

Legacy code

BAAS Apps – fire base, super base, freeapi.ap

Social media clone, e-commerce App

After react-> React is not a complete solution in most cases

No seo, browser render of JS, no routing

Framework -> nextJS, Gatsby, Remix

React Is core liabrary

React + react dom == web app

React + react native == mobile app

Node package manager (npm)

Node package executer (npx)

Npx create react app 01basicrect // it is very bulky to install therefore not recommended

**React project structure**

Package.json -> it is a entry point

Script is to run application – start , build, test, eject  
 linting process to enhance cod

Browser list  
  
to start project run start script  
  
package.json is pom of react and here we h ave to run start script

Npm run start  
  
project creation using Vite  
Vite is a bundler   
npm create vite@latest

Best practices  
1. Function name should name start with capital letter only (Binding)

2. file name of the components should start with capital later (Non Binding)

3. vite components file name should be .jsx

4. in react app as well we should name file with .jsx if are returning the HTML components

HOOKS: UI data updation is controlled by the Hooks