09-01-2024

ReactJs
MERN

M - MongoDB
Sql   No sql
Mysql   MongoDb , firebase
Oracle

E - Express.js backend
R - React.Js (FrontEnd)
N - NodeJs (BackEnd)

React.js

React.js is a library of javaScript. It is developed by Facebook. It was developed by Jordan Walke 2013.

Feature of react.js
1. React.js is a single page application.
2. High security.
3. Component based.
4. Pre-build structure.

How to use Reactjs
1. Install node.js https://nodejs.org/en/download/
2. How to check node js install or not (open cmd and type node -v)
3. Install reactjs globally (open cmd and type npm i / install -g create-react-app)
4. Install reactjs project (npx create-react-app appName)
   Note no any space and capital letter in app name but you can use underscore or hyphen

npx create-react-app first

Meeting id
https://meet.goto.com/699868909

How to start your project.

npm start

Components
1. Functional component
    a. Normal function
       Syntax:
       function funName(){
              Code here –
       }

       1. Function declaration (FunName)
       2. Function definition
       3. Function calling
Note first letter of the function will always be capital letter.

```jsx
import React from 'react';
import './App.css';

function App() {
  return (
    <div className="App">
        <First />
    </div>
  );
}

function First(){
    return(
      <div>
        <h1>Hello ReactJs</h1>
      </div>
    )
}

export default App;
```

Create 10 diff components and print messages.
Persona information
Create a table and print 10 student records.
Create a form
Create list tag and print rules and regulations
Create marquee tags and print notices.

        b. Arrow function
           Syntax:
           const funName = () =>{
               Code here–
           }
   2. Class component
Function abc(){
     Function cde(){

     }
}

Class a {
     Function a(){
     }
     Function a(){
     }
}

Core language
Framework language
Library language

    1. Diff between normal function and arrow function.
    2. Functional and class components.