

## REACT CLASS DAY-2

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221910302037

GITAM 4<sup>th</sup> Year

1. First we open our created project in VS Code and open the terminal and use the command :

**“ npm start ”**

```
PROBLEMS  OUTPUT  TERMINAL  JUPYTER  COMMENTS  DEBUG CONSOLE

Compiled successfully!

You can now view mgm_react in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.1.100:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
█
```

2. Create a biodata, and display your details.

1. Create a User.js file in src.
2. Copy the content from App.js into User.js. Make changes in code (Rename App as User in User.js) and add the biodata.
3. Import the User.js in Index.js
4. Now run the code using “npm start” in cmd.

User.js:

```
function User()
{
  return(
    <div className="User">
      <h1>BIODATA</h1>
      <h2>Name:M.G.Manjusha</h2>
      <h2>College:GITAM Hyderabad</h2>
      <h2>Father Name: M.K.Srinivas</h2>
      <h2>Mother Name:M.Ratnavathi</h2>
      <h2>Roll Number: 221910302037</h2>
    </div>
  )
}
```

```

        <h2>CGPA : 9.05</h2>
      </div>
    )
  }

export default User;

```

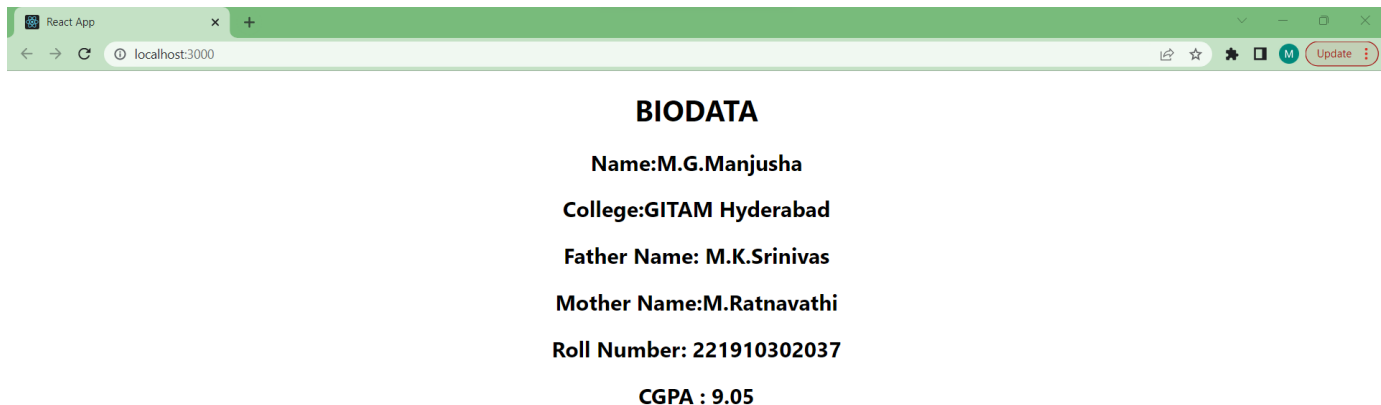
App.js:

```

import './App.css'
import User from './Day2/User.js'
function App()
{
  return(
    <div className='App'>
      <User/>
    </div>
  )
}
export default App;

```

Output:



Index.js :

```

import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <App/>
  </React.StrictMode>
);

```

3. Create a file called “Gitam.js” in that file write the sentence “GITAM University is located in Hyderabad – 221910302037“. Execute the Gitam.js by importing the file into Index.js file.

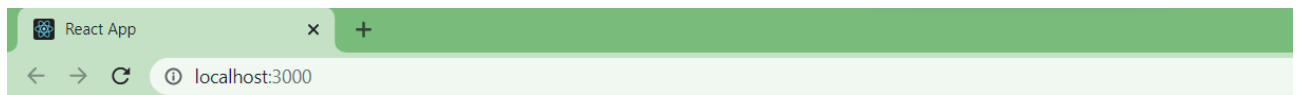
Gitam.js:

```
function Gitam()
{
  return(
    <div className="Gitam">
      <h1>GITAM University is located in Hyderabad - 221910302037</h1>
    </div>
  )
}
export default Gitam;
```

index.js :

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Gitam from './Day2/Gitam.js';
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <App/>
    <Gitam/>
  </React.StrictMode>
);
```

Output:



**GITAM University is located in Hyderabad - 221910302037**

4. Print the sentence “GITAM University is located in Hyderabad – 221910302037” three times.

(Here call the Gitam Function 3 times to get the expected output)

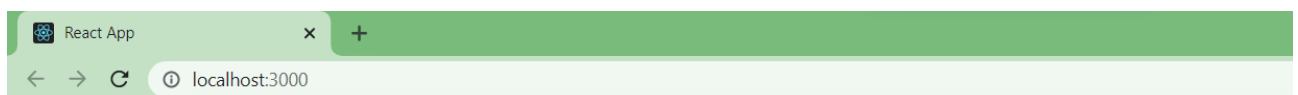
Gitam.js:

```
function Gitam()
{
  return(
    <div className="Gitam">
      <h1>GITAM University is located in Hyderabad - 221910302037</h1>
    </div>
  )
}
export default Gitam;
```

Index.js:

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Gitam from './Day2/Gitam.js';
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <App/>
    <Gitam/>
    <Gitam/>
    <Gitam/>
  </React.StrictMode>
);
```

Output:



**GITAM University is located in Hyderabad - 221910302037**

**GITAM University is located in Hyderabad - 221910302037**

**GITAM University is located in Hyderabad - 221910302037**

5. Create a new module (Module1.js) and import it into Gitam.js, then import Gitam.js into App.js then import App.js into Index.js.

Module.js is used to print name and roll number.

Module.js:

```
function Module()
{
    return(
        <div className="Module">
            <h1>Name:M.G.Manjusha</h1>
            <h1>Roll Number: 221910302037</h1>
        </div>
    )
}
export default Module;
```

Gitam.js:

```
import Module from './Module'
function Gitam()
{
    return(
        <div className="Gitam">
            <Module/>
            <h1>GITAM University is located in Hyderabad - 221910302037</h1>
        </div>
    )
}
export default Gitam;
```

Index.js:

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Gitam from './Day2/Gitam.js';
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
    <React.StrictMode>
        <App/>
        <Gitam/>
    </React.StrictMode>
);
```

Output:



**Name:M.G.Manjusha**

**Roll Number: 221910302037**

**GITAM University is located in Hyderabad - 221910302037**

6. Create a file called “Abc.js” in that file print “Virtusa, India, England “.

Take another file(“Xyz.js”), in Xyz.js print the University and School along with the content of Abc.js.

Take another file(“Pqr.js”), in Pqr.js print your name along with the content of Xyz.js.

In App.js print your roll number along with the content of Pqr.js.

In Index.js import App.js and run the application.

Abc.js:

```
function Abc()
{
  return(
    <div className="Abc">
      <h1>Virtusa</h1>
      <h1>India</h1>
      <h1>England</h1>
    </div>
  )
}
export default Abc;
```

Xyz.js :

```
import Abc from './Abc'
function Xyz()
{
  return(
    <div className="Xyz">
      <h1>Gitam Hyderabad</h1>
      <h1>Kendriya Vidyalaya No.1 Uppal
      <Abc/>
    </h1>
    </div>
  )
}
```

```
}  
export default Xyz;
```

Pqr.js :

```
import Xyz from './Xyz'  
function Pqr()  
{  
  return(  
    <div className="Pqr">  
      <h1>M.G.Manjusha</h1>  
      <Xyz/>  
    </div>  
  )  
}  
export default Pqr;
```

App.js :

```
import './App.css'  
import User from './Day2/User.js'  
import Pqr from './Day2/Pqr.js'  
function App()  
{  
  return(  
    <div className='App'>  
      <h1>221910302037</h1>  
      <Pqr/>  
    </div>  
  )  
}  
export default App;
```

Index.js :

```
import React from 'react';  
import ReactDOM from 'react-dom/client';  
import './index.css';  
import App from './App';  
import reportWebVitals from './reportWebVitals';  
import Gitam from './Day2/Gitam.js';  
const root = ReactDOM.createRoot(document.getElementById('root'));  
root.render(  
  <React.StrictMode>  
    <App/>  
  </React.StrictMode>  
>);
```

Output:



221910302037

M.G.Manjusha

Gitam Hyderabad

Kendriya Vidyalaya No.1 Uppal

**Virtusa**

**India**

**England**

7. Create a functional component (your name), in the functional component write about yourself and call this functional component in index.js file.

Manjusha.js :

```
function Manjusha()
{
  return(
    <div className="Manjusha">
      <h1>Name: Manjusha</h1>
      <h1>Roll number:221910302037</h1>
      <h1>College: GITAM</h1>
      <h1>CGPA : 9.05</h1>
    </div>
  );
}
export default Manjusha;
```

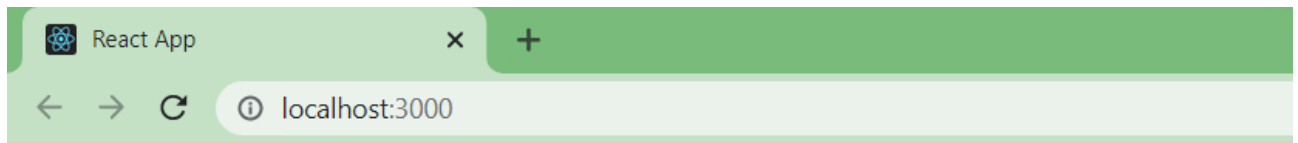
Index.js :

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Manjusha from './Day2/Manjusha'
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <Manjusha/>
  </React.StrictMode>
);
reportWebVitals();
```



```
);
```

Output:



**Name: Manjusha**

**Roll number:221910302037**

**College: GITAM**

**CGPA : 9.05**

8. Create a functional component inside a functional component.

FuninFun;

```
function FuninFun()
{
  function Apple()
  {
    return(
      <div><h1>This is Apple function which is inside FuninFun</h1></div>
    )
  }
  return(
    <div className="FuninFun">
      <h1>Hello World! This is in FuninFun function</h1>
      <Apple/>
    </div>
  )
}
export default FuninFun;
```

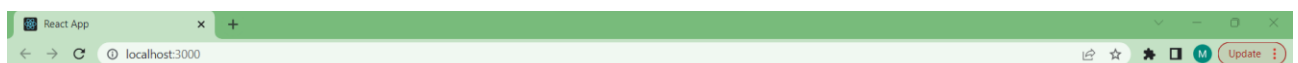
App.js:

```
import './App.css'
import FuninFun from './Day2/FuninFun'
function App()
{
  return(
    <div className='App'>
      <FuninFun/>
    </div>
  )
}
export default App;
```

index.js:

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Manjusha from './Day2/Manjusha'
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <App/>
  </React.StrictMode>
);
```

Output:



**Hello World! This is in FuninFun function**  
**This is Apple function which is inside FuninFun**

9. Create a functional component “Car” inside a functional component in “Apps”, also call Scooter in Apps.js, then import Apps.js in Index.js, then run the application.

Apps.js:

```
import Scooter from './Scooter'
function Apps()
{
  function Car()
  {
    return(
      <div>
        <h1>This is Car</h1>
      </div>
    )
  }
  return(
    <div className="Apps">
      <h1>This is Apps</h1>
      <Scooter/>
    </div>
  )
}
export default Apps;
```

Scooter.js:

```
function Scooter()
{
  return(
    <div className="Scooter">
      <h1>This is Scooter Function</h1>
    </div>
  )
}
export default Scooter;
```

index.js:

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import Apps from './Day2/Apps'
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <Apps/>
  </React.StrictMode>
);
```

Output:



**This is Apps**

**This is Scooter Function**