

Lab Recitation 7

1. My First Component

CODE

1_Hello.js

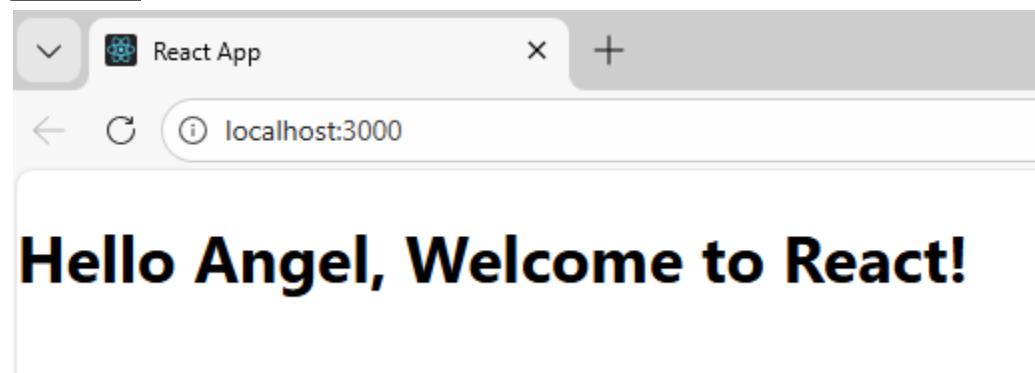
```
import React from "react";
function Hello() {
  return <h1>Hello Angel, Welcome
  to React!</h1>;
}
export default Hello;
```

App.js

```
import React from "react";
```

```
import Hello from "./1_Hello";
function App() {
  return (
    <div>
      <Hello />
    </div>
  );
}
export default App;
```

OUTPUT



2. Passing Props (Name Card)

CODE

2_Student.js

```
import React from "react";
function Student(props) {
  return (
    <div>
      <h2>Name: {props.name}</h2>
      <h2>Class:
      {props.className}</h2>
    </div>
  );
}
```

```
}
```

```
export default Student;
```

App.js

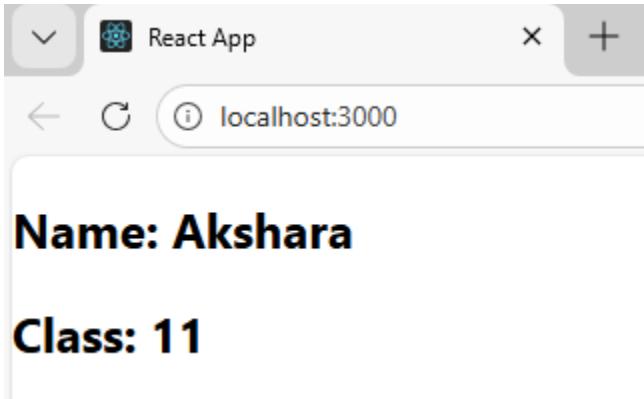
```
import React from "react";
import Student from
"./2_Student";
function App() {
  return (
    <div>
```

```

        <Student name="Akshara"
      className="11" />
    </div>
      );
}
export default App;

```

OUTPUT



3. Reusable Button

CODE

3_Button.js

```

import React from "react";
function Button(props) {
  return (
    <button style={{ margin:
"10px", padding: "10px 20px" }}>
      {props.text}
    </button>
  );
}
export default Button;

```

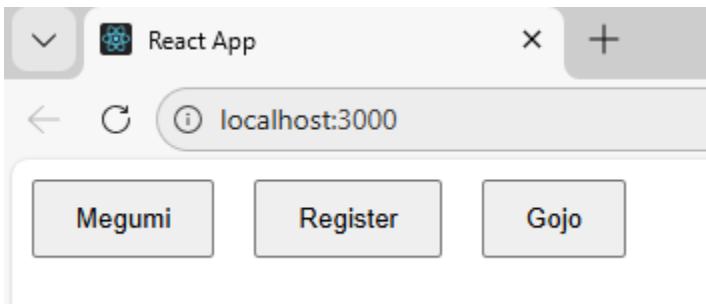
App.js

```

import React from "react";
import Button from "./3_Button";
function App() {
  return (
    <div>
      <Button text="Megumi" />
      <Button text="Register" />
      <Button text="Gojo" />
    </div>
  );
}
export default App;

```

OUTPUT



4. Website Parts

CODE

4_Header.js

```
import React from "react";
function Header() {
  return <h1>Tokyo Jujutsu
High</h1>;
}
export default Header;
```

4_Content.js

```
import React from "react";
function Content() {
  return <h2>Welcome Young
Sorcerers!!</h2>;
}
export default Content;
```

4_Footer.js

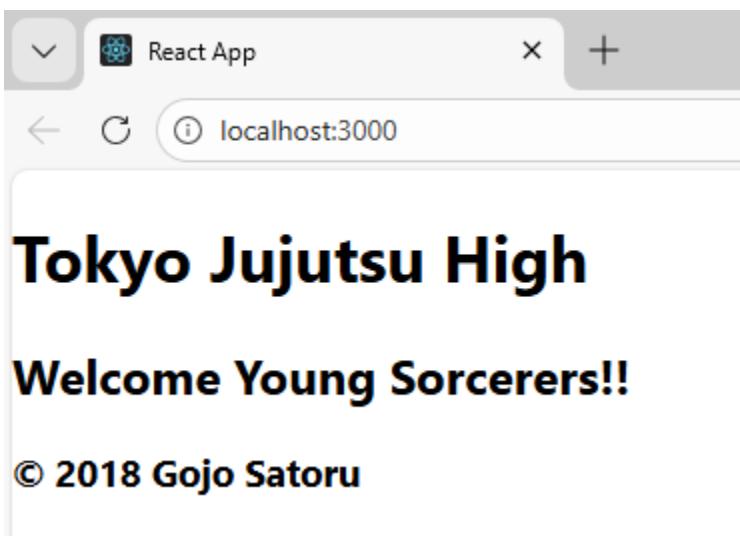
```
import React from "react";
function Footer() {
  return <h3>© 2018 Gojo
Satoru</h3>;
}
```

```
export default Footer;
```

App.js

```
import React from "react";
import Header from "./4_Header";
import Content from
"./4_Content";
import Footer from "./4_Footer";
function App() {
  return (
    <div>
      <Header />
      <Content />
      <Footer />
    </div>
  );
}
export default App;
```

OUTPUT



5. SPA Thinking (No Reload)

CODE

5_SPA.js

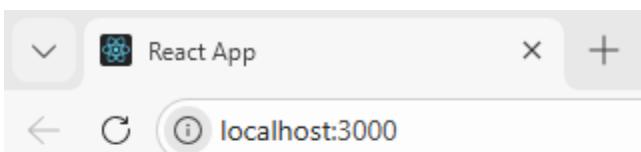
```
import React, { useState } from
"react";
function SPA() {
  const [page, setPage] =
useState("Megumi");
  return (
    <div>
      <h2>
        {page === "Megumi"
          ? "This is Megumi Page"
          : "This is Gojo Page"}
      </h2>
      <button onClick={() =>
setPage("Megumi")}> style={{ margin:
"10px" }}>
        Megumi
      </button>
      <button onClick={() =>
setPage("Gojo")}> style={{ margin:
"10px" }}>
```

```
          Gojo
        </button>
      </div>
    );
}
export default SPA;
```

App.js

```
import React from "react";
import SPA from "./5_SPA";
function App() {
  return (
    <div>
      <SPA />
    </div>
  );
}
export default App;
```

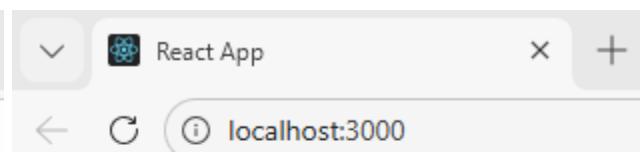
OUTPUT



This is Megumi Page

Megumi

Gojo



This is Gojo Page

Megumi

Gojo

6. Parent → Child Message

CODE

6_Message.js

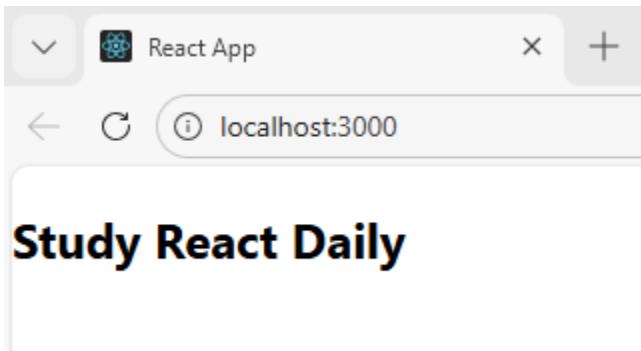
```
import React from "react";
function Message(props) {
  return (
    <div>
      <h2>{props.text}</h2>
    </div>
  );
}
export default Message;
```

App.js

```
import React from "react";
import Message from
"./6_Message";
```

```
function App() {
  const message = "Study React
Daily";
  return (
    <div>
      <Message text={message} />
    </div>
  );
}
export default App;
```

OUTPUT



7. My Profile Card

CODE

7_ProfileCard.js

```
import React from "react";
function ProfileCard(props) {
  return (
    <div style={{
      border: "2px solid black",
      padding: "20px",
      width: "250px",
      borderRadius: "10px",
      textAlign: "left"
    }}>
      <p>Name: {props.name}</p>
      <p>Age: {props.age}</p>
      <p>Favorite Subject:<br/>
{props.subject}</p>
    </div>
  );
}
export default ProfileCard;
```

App.js

```
import React from "react";
import ProfileCard from
"./7_ProfileCard";
function App() {
  return (
    <div style={{ display:
"flex", justifyContent: "center",
marginTop: "50px" }}>
      <ProfileCard
        name="Angel Xavier"
        age="19"
        subject="WebDev"
      />
    </div>
  );
}
export default App;
```

OUTPUT

