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College: Sri Padmavathi Mahila University

Assignment: 2

Rollno:2022MCA16100
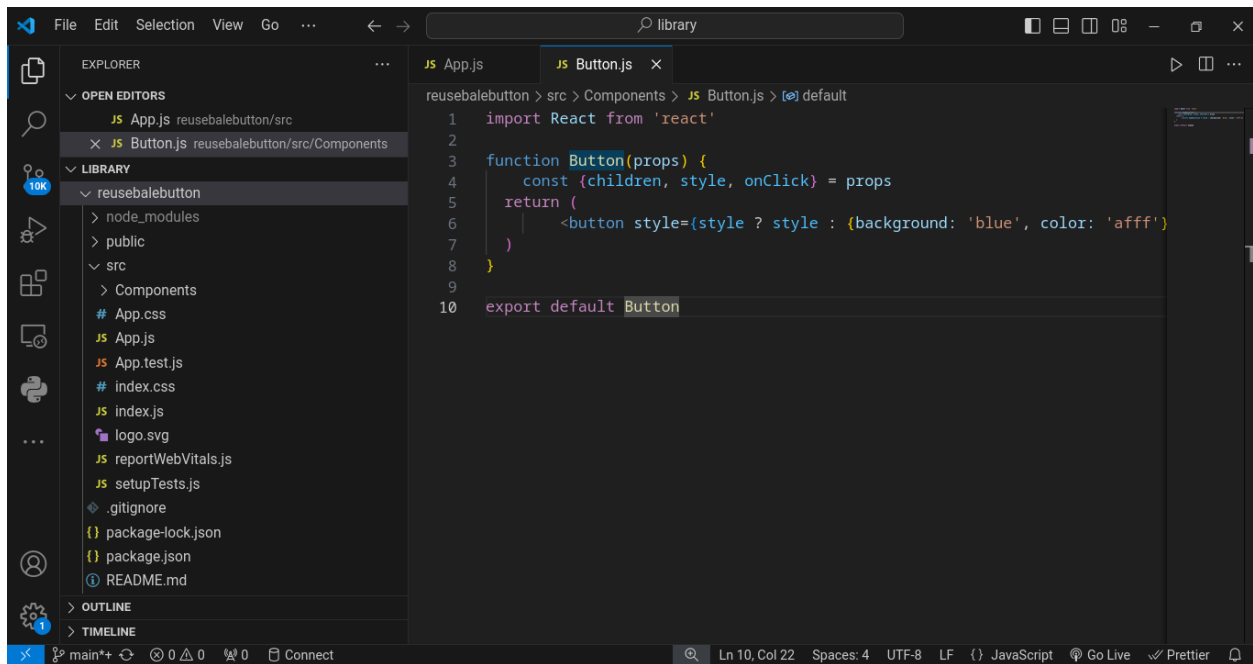
BUTTON COMPONENT:

BUTTON JS:

```
import React from 'react'

function Button(props) {
   const {children, style, onClick} = props
  return (
     <button style={style ? style : {background: 'blue', color: 'afff'}} onClick={onClick}>{children}</button>
  )
}

export default Button
```

```
reusebalebutton > src > Components > JS Button.js > [∅] default
1    import React from 'react'
2
3    function Button(props) {
4        const {children, style, onClick} = props
5      return (
6            <button style={style ? style : {background: 'blue', color: 'afff'}
7        )
8    }
9
10   export default Button
```

Card.JSX

import logo from './logo.svg';

import './App.css';

import Button from './Components/Button';

function App() {

 return (

  <div className="App">

  <h1> Hello guys</h1>

  <Button style= {{background : 'green',color: 'yellow'}} onClick={()=>{alert('button clicked')}}>hello components</Button>
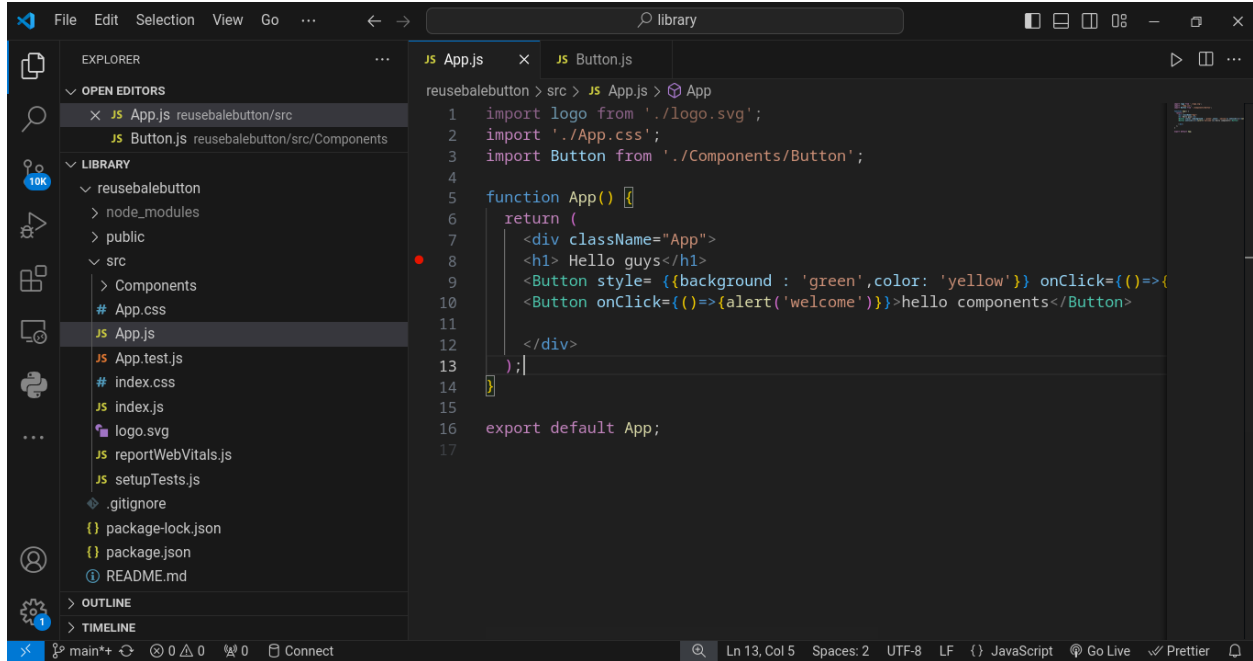
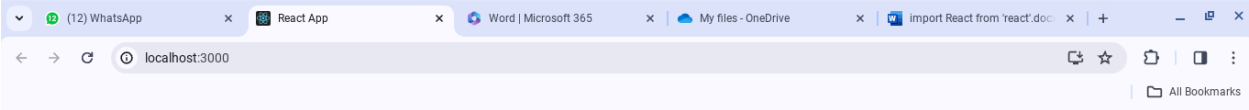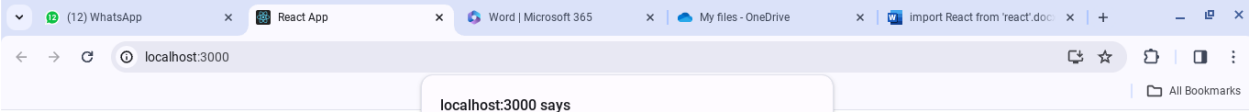 <Button onClick={()=>{alert('welcome')}}>hello components</Button>
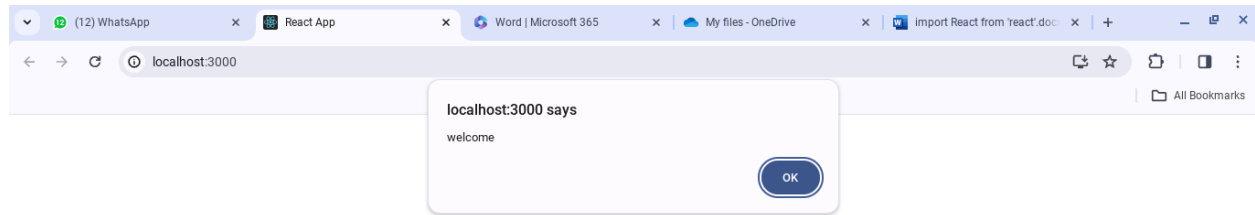

  </div>

 );

}

export default App;

OUTPUT:

Hello guys

hello components hello components

localhost:3000 says

button clicked

OK

CARD COMPONENT:

CARD.CSS:

```css
.card-container {
width: 15rem;

border-radius: 1rem;
box-shadow: 0px 10px 8px #999;
display: flex;
flex-direction: column;
margin: 0.5rem;
background-color: white;
height: fit-content;
}
```

```css
.card-img {
width: 100%;
border-radius: 1rem 1rem 0 0;
}
.card-title {
margin: 0.5rem 5%;
}
.card-description {
margin: 0.5rem 5%;
}
.card-btn {
text-align: center;
width: 90%;
border-radius: 5px;
padding: 0.5rem 1rem;
background-color: #2563eb;
color: white;
text-decoration: none;
margin: 0.5rem 0.5rem;
}
```

```css
.card-container {
    width: 15rem;
    border-radius: 1rem;
    box-shadow: 0px 10px 8px #999;
    display: flex;
    flex-direction: column;
    margin: 0.5rem;
    background-color: white;
    height: fit-content;
}

.card-img {
    width: 100%;
    border-radius: 1rem 1rem 0 0;
}

.card-title {
    margin: 0.5rem 5%;
}

.card-description {
    margin: 0.5rem 5%;
}

.card-btn {
    text-align: center;
```
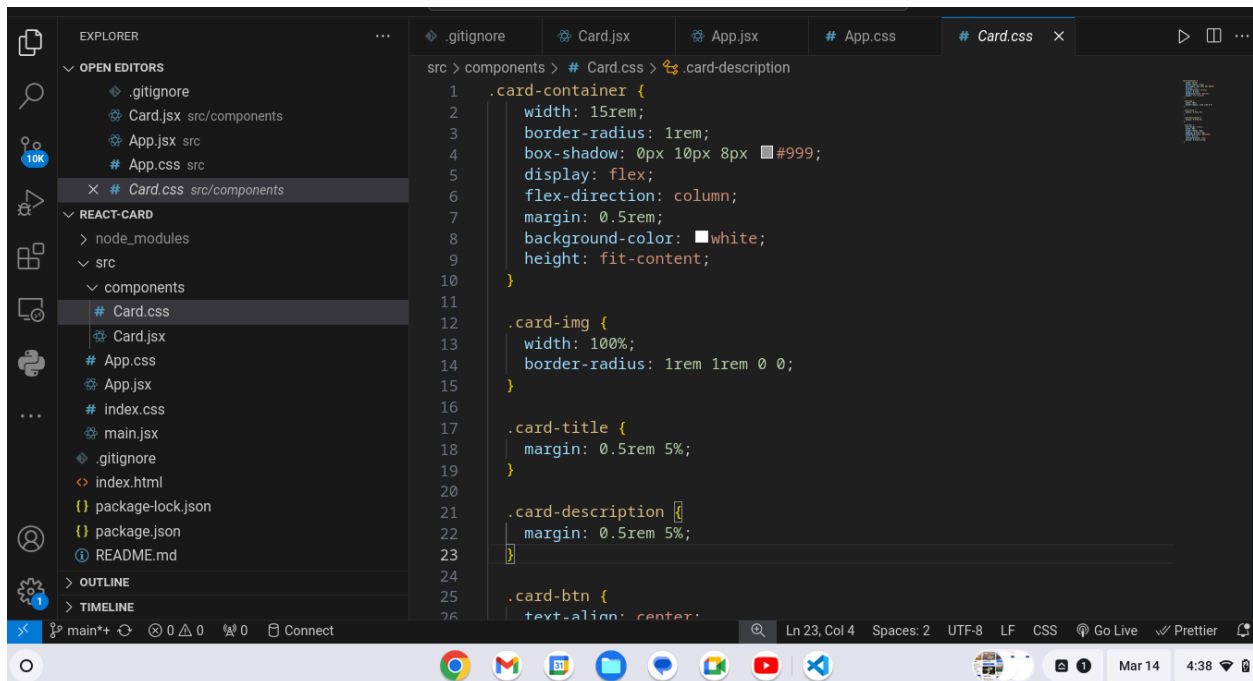
CARD.JSX:

```jsx
import "./Card.css";

export const Card = ({
  imgSrc,
  imgAlt,
  title,
  description,
  buttonText,
  link,
}) => {
```

```jsx
  return (

    <div className="card-container">

      {imgSrc && imgAlt && (

        <img src={imgSrc} alt={imgAlt} className="card-img" />

      )}

      {title && <h1 className="card-title">{title}</h1>}

      {description && <p className="card-description">{description}</p>}

      {buttonText && link && (

        <a href={link} className="card-btn">

          {buttonText}

        </a>

      )}

    </div>

  );

};
```

APP.CSS:

```css
import './App.css'
```

```jsx
import { Card } from "./components/Card";

function App() {

  return (
    <div className="App">
      <div className="col">
        <Card
          imgSrc="https://picsum.photos/id/201/300/200"
          imgAlt="Card Image 1"
          title="Card Title"
          description="This is the card description section. You can add more details about the product here"
        />
        <Card
          imgAlt="Card Image 2"
          title="Card Title"
          description="This is the card description section. You can add more details about the product here"
          buttonText="Learn More"
          link="card2"
        />
        <Card
          imgSrc="https://picsum.photos/id/193/300/200"
          imgAlt="Card Image 3"
          description="This is the card description section. You can add more details about the product here"
          buttonText="Learn More"
          link="card2"
        />
```

```
</div>
<div className="col">
<Card
imgSrc="https://picsum.photos/id/211/300/200"
imgAlt="Card Image 1"
title="Card Title"
buttonText="Learn More"
link="card1"
/>
<Card
imgSrc="https://picsum.photos/id/250/300/200"
imgAlt="Card Image 3"
title="Card Title"
description="This is the card description section. You can add more details
about the product here"
buttonText="Learn More"
link="card2"
/>
<Card
imgAlt="Card Image 3"
description="This is the card description section. You can add more details
about the product here"
link="card2"
/>
</div>
<div className="col">
<Card
imgSrc="https://picsum.photos/id/106/300/200"
imgAlt="Card Image 1"
buttonText="Learn More"
```

```jsx
        link="card1"
      />


      <Card
        imgSrc="https://picsum.photos/id/193/300/200"
        imgAlt="Card Image 3"
        description="This is the card description section. You can add more details about the product here"
        buttonText="Learn More"
        link="card2"
      />
      <Card
        imgAlt="Card Image 3"
        description="This is the card description section. You can add more details about the product here"
        buttonText="Learn More"
        link="card2"
      />
      <Card
        imgAlt="Card Image 3"
        description="This is the card description section. You can add more details about the product here"
        link="card2"
      />
    </div>
  </div>
  );
}


export default App;
```
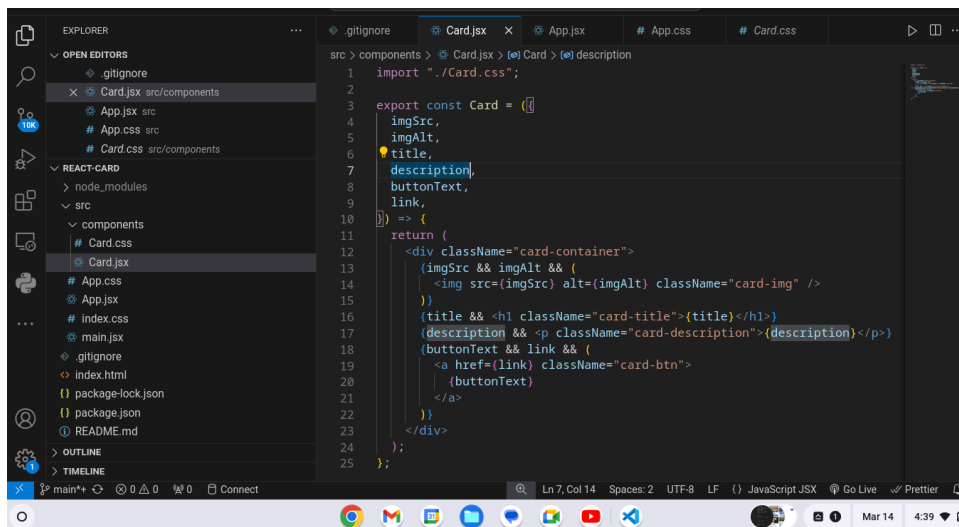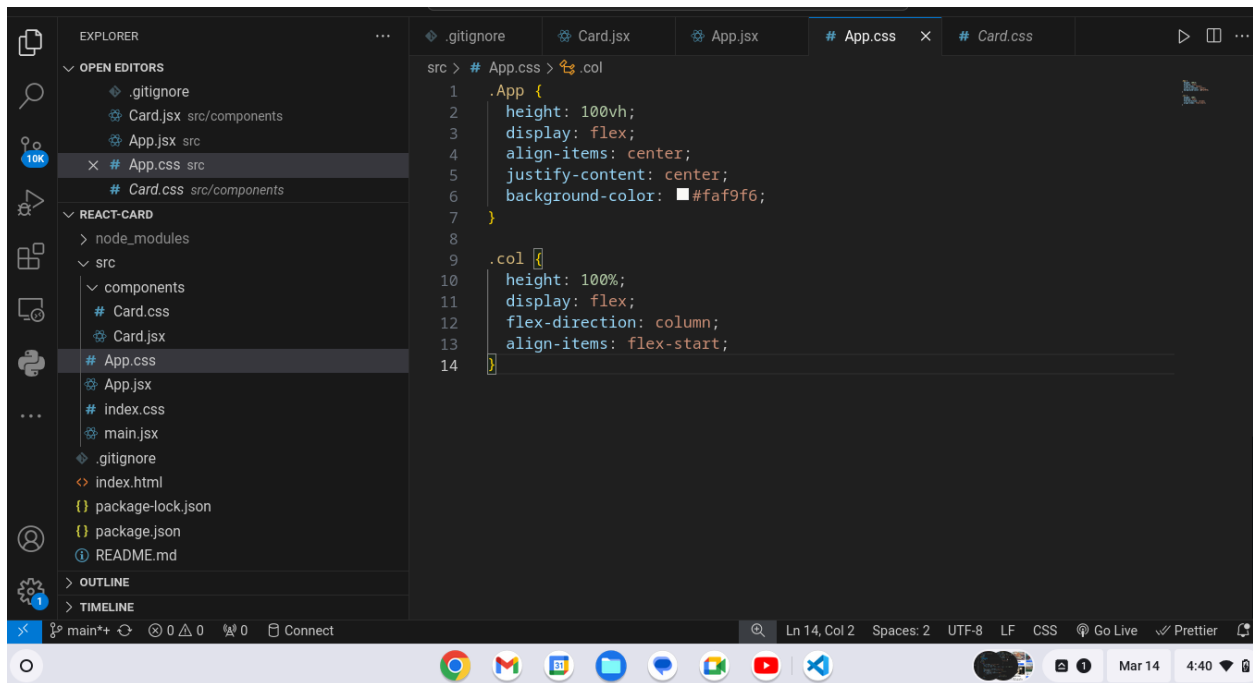
APP.CSS:

```css
.App {
  height: 100vh;
  display: flex;
  align-items: center;
  justify-content: center;
  background-color: #faf9f6;
}

.col {
  height: 100%;
  display: flex;
  flex-direction: column;
  align-items: flex-start;
}
```