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Assignment: 2

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BUTTON COMPONENT:

BUTTON JS:

```
import React from 'react'
```

```
function Button(props) {  const {children,
```

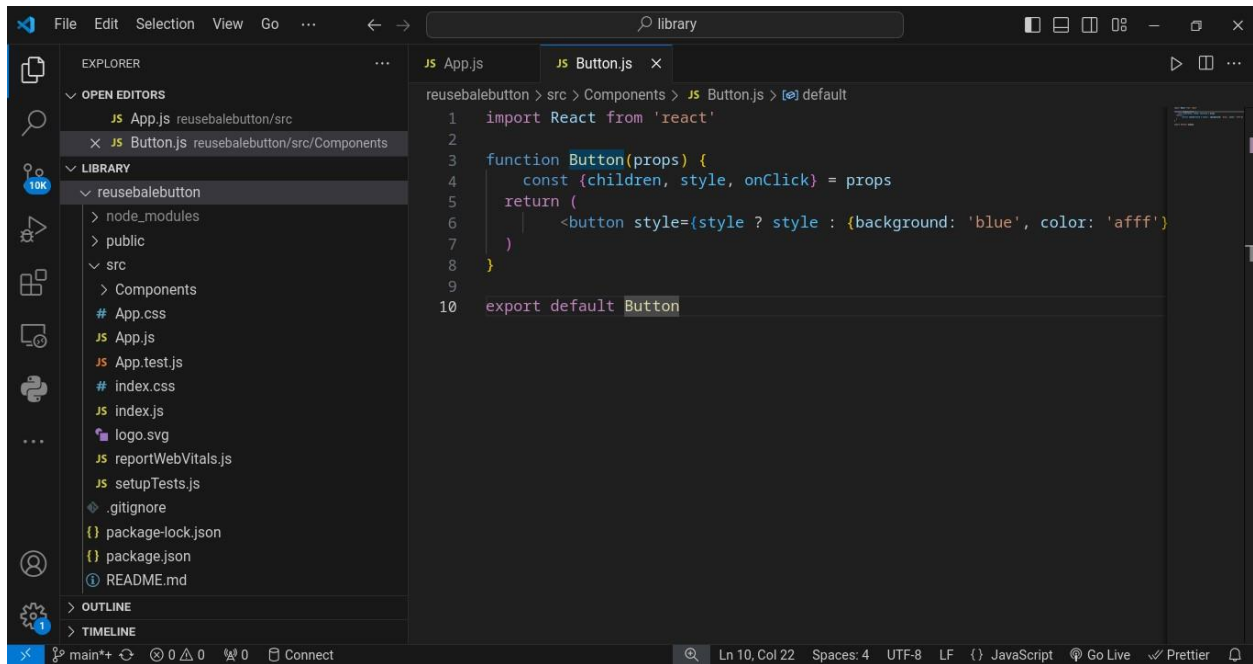
```
  style, onClick} = props  return (
```

```
    <button    style={style    ?    style    :    {background:    'blue',    color:    'aaff'}}  
    onClick={onClick}>{children}</button>
```

```
  )
```

```
}
```

```
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>

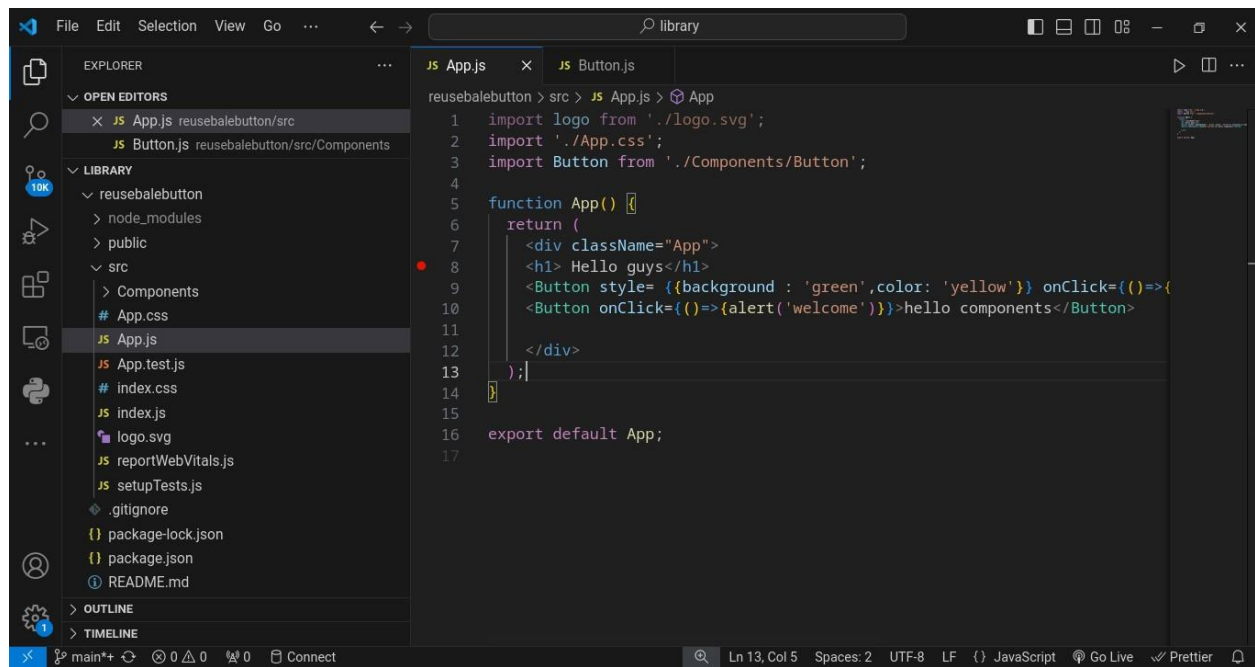
<Button onClick={()=>{alert('welcome')}}>hello components</Button>

</div>

);

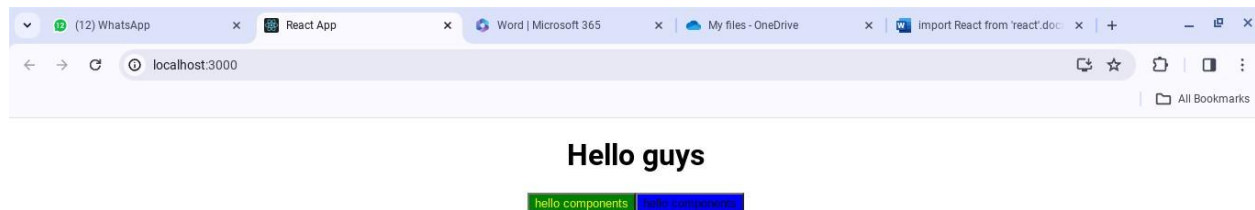
}

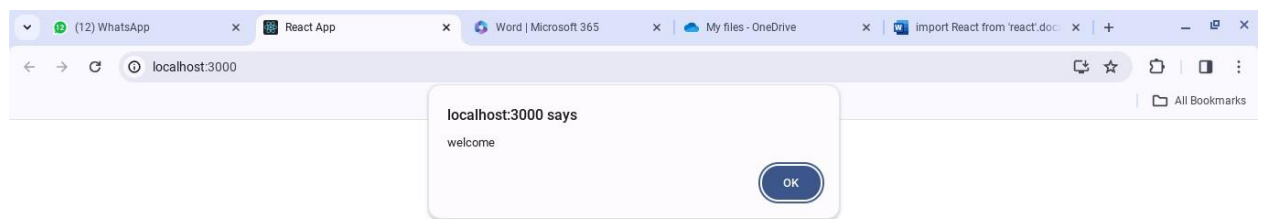
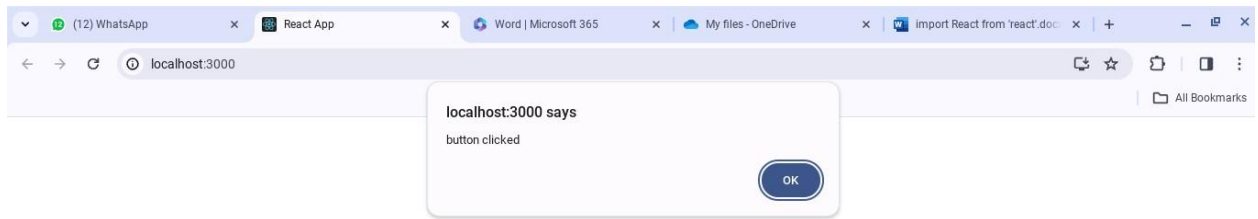
export default App;



```
1 import logo from './logo.svg';
2 import './App.css';
3 import Button from './Components/Button';
4
5 function App() {
6   return (
7     <div className="App">
8       <h1> Hello guys</h1>
9       <Button style={{background : 'green',color: 'yellow'}} onClick={()=>{
10         <Button onClick={()=>{alert('welcome')}}>hello components</Button>
11       }}>
12     </div>
13   );
14 }
15
16 export default App;
```

OUTPUT:





CARD COMPONENT:

CARD.CSS:

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

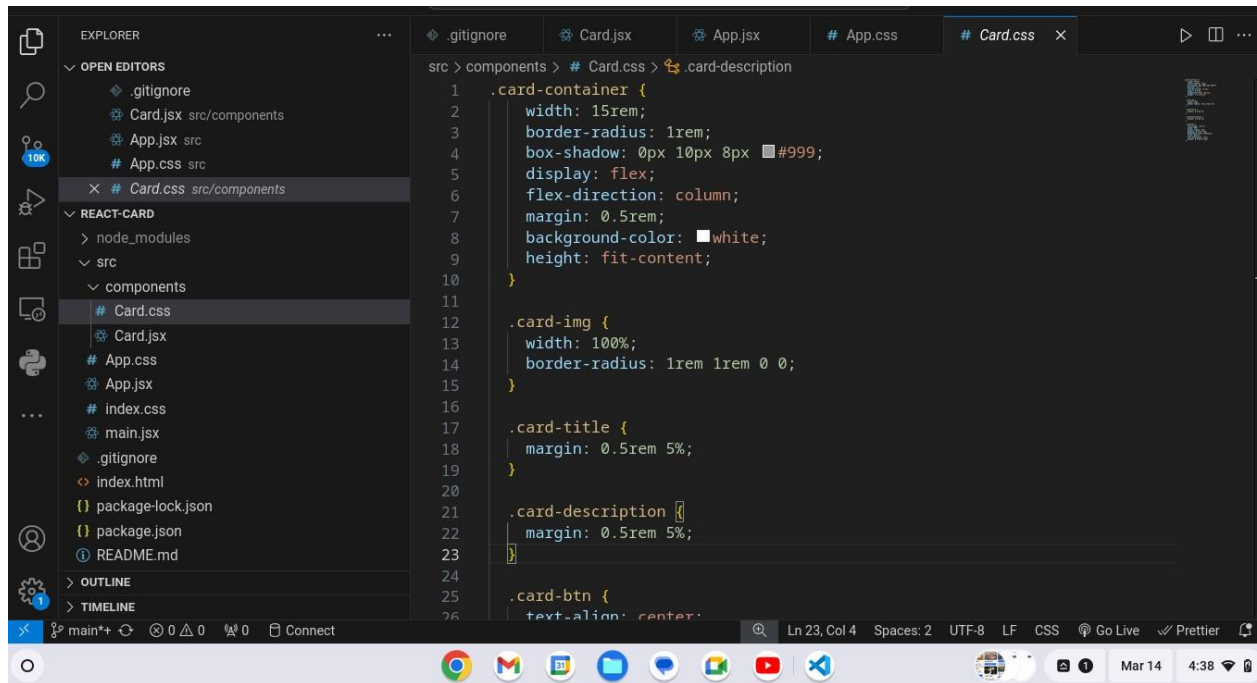
```
border-radius: 1rem; box-shadow: 0px 10px 8px #999; display: flex; flex-direction: column; margin: 0.5rem; background-color: white; height: fit-content;
```

```
.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; width: 90%; border-radius: 5px; padding: 0.5rem 1rem; background-color: #2563eb; color: white; text-decoration: none; margin: 0.5rem 0.5rem;
```



CARD.JSX:

```
import './Card.css';
```

```
export const Card = ({
```

```
  imgSrc, imgAlt,
```

```
  title,
```

```
  description, buttonText,
```

```
  link, })
```

```
=> {
```

```
  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="carddescription">{description}</p>}
```

```
{buttonText && link && (
```

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

```
{buttonText}
```

```
</a>
```

```
)}
```

```
</div>
```

```
);
```

```
};
```

APP.CSS:

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

```
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"
```

```
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"**

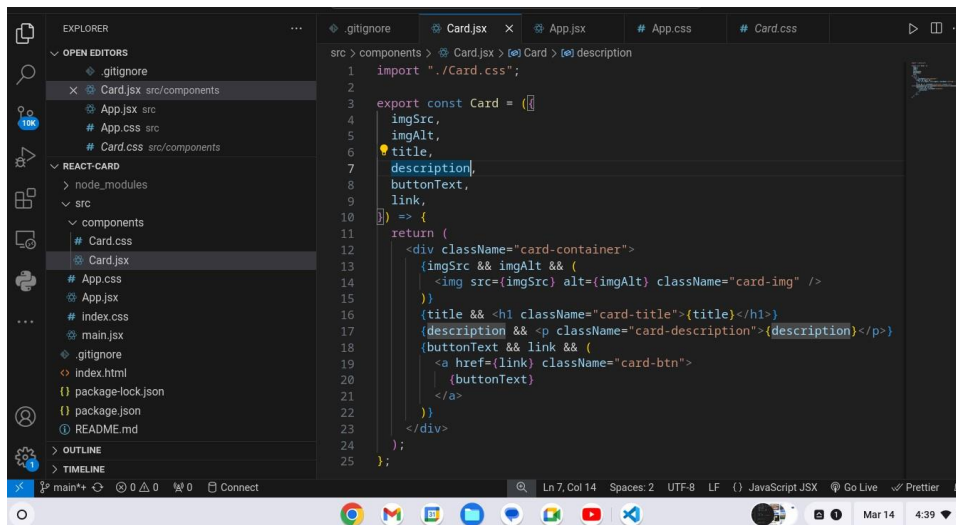
**</>**

**</div> </div>**

**);**

**|**

**export default App;**



APP.CSS: .App { height:

100vh; display: flex;

align-items: center; justify-

content: center;

background-color: #faf9f6;

}

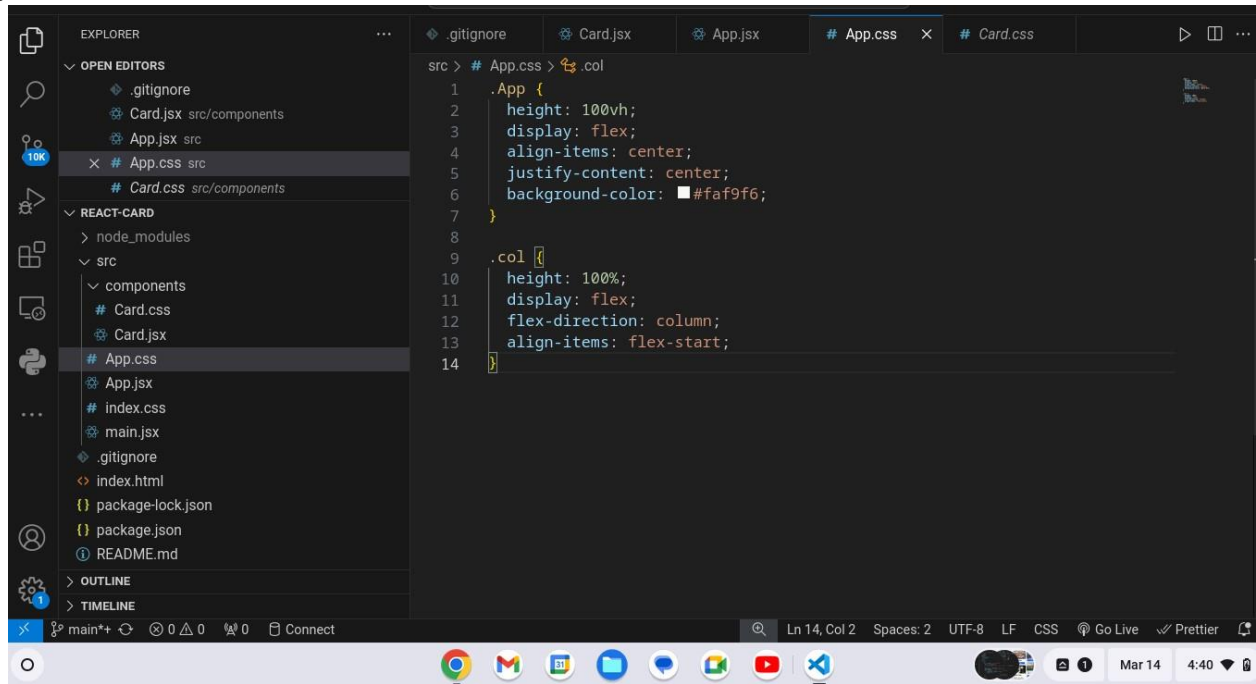
.col { height: 100%;

display: flex; flex-

```
direction: column;

align-items: flex-start;

}
```



The screenshot shows the VS Code editor interface. The Explorer panel on the left displays the project structure, including files like .gitignore, Card.jsx, App.jsx, App.css, and Card.css. The main editor area shows the content of App.css, which defines styles for .App and .col classes. The .App class is a flex container with a height of 100vh, flex display, centered alignment, and a light pink background. The .col class is a flex item with a height of 100%, flex display, column direction, and flex-start alignment.

```
src > # App.css > .col
1  .App {
2    height: 100vh;
3    display: flex;
4    align-items: center;
5    justify-content: center;
6    background-color: #faf9f6;
7  }
8
9  .col {
10   height: 100%;
11   display: flex;
12   flex-direction: column;
13   align-items: flex-start;
14 }
```

OUTPUT:

