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Assignment: 2

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BUTTON COMPONENT:

BUTTON JS:

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

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

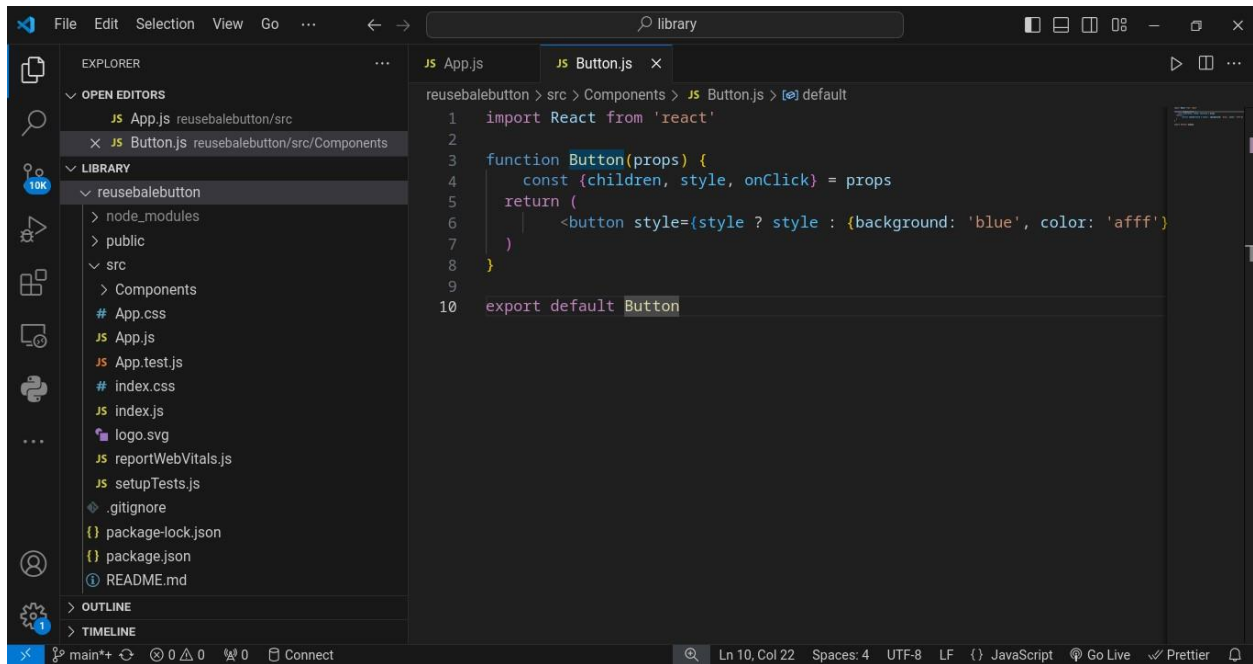
```
  style, onClick} = props  return (
```

```
    <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>

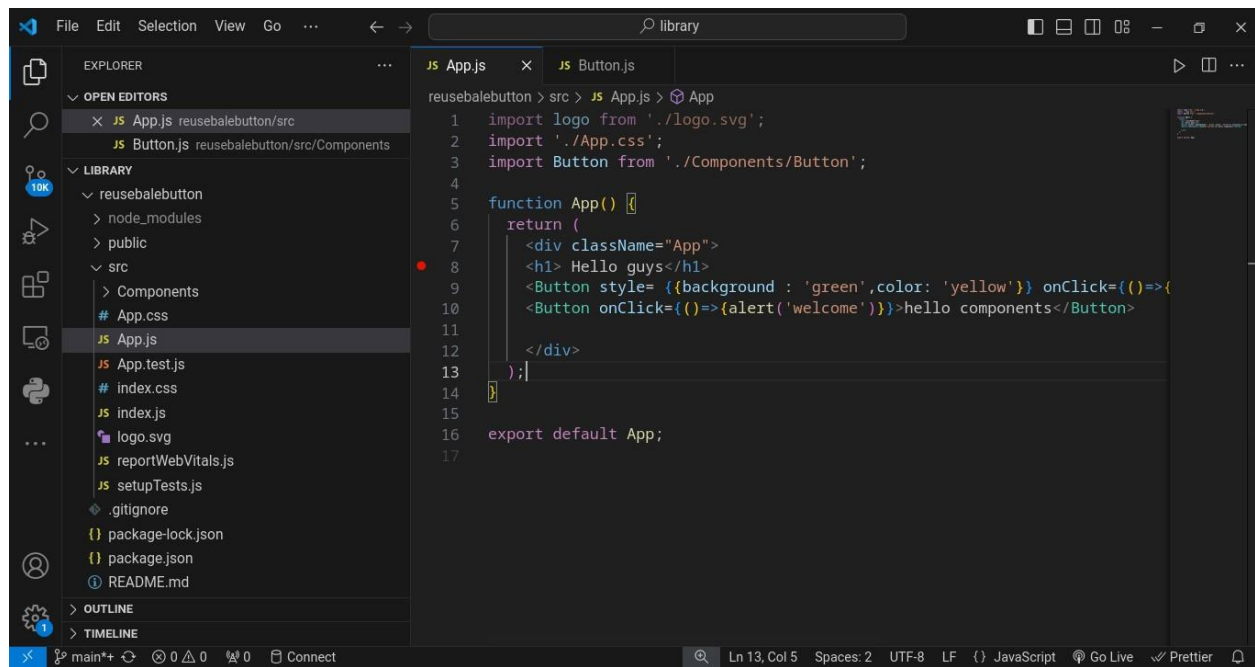
<Button onClick={()=>{alert('welcome')}}>hello components</Button>

</div>

);

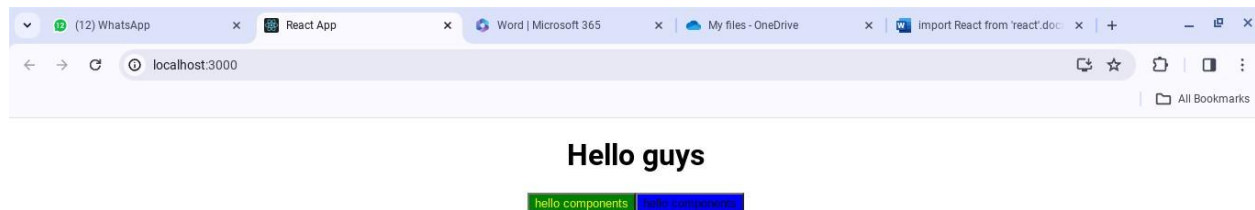
}

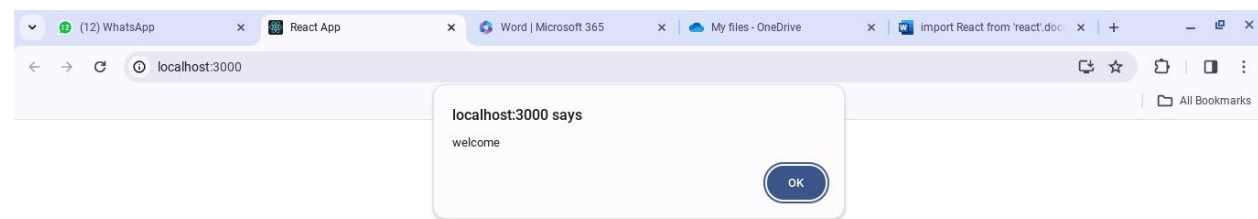
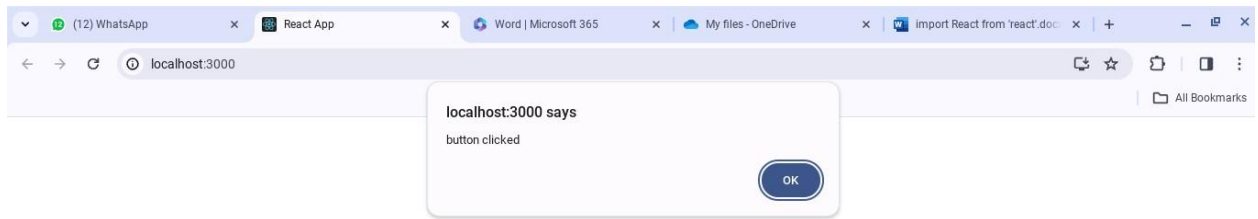
export default App;



```
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;
```

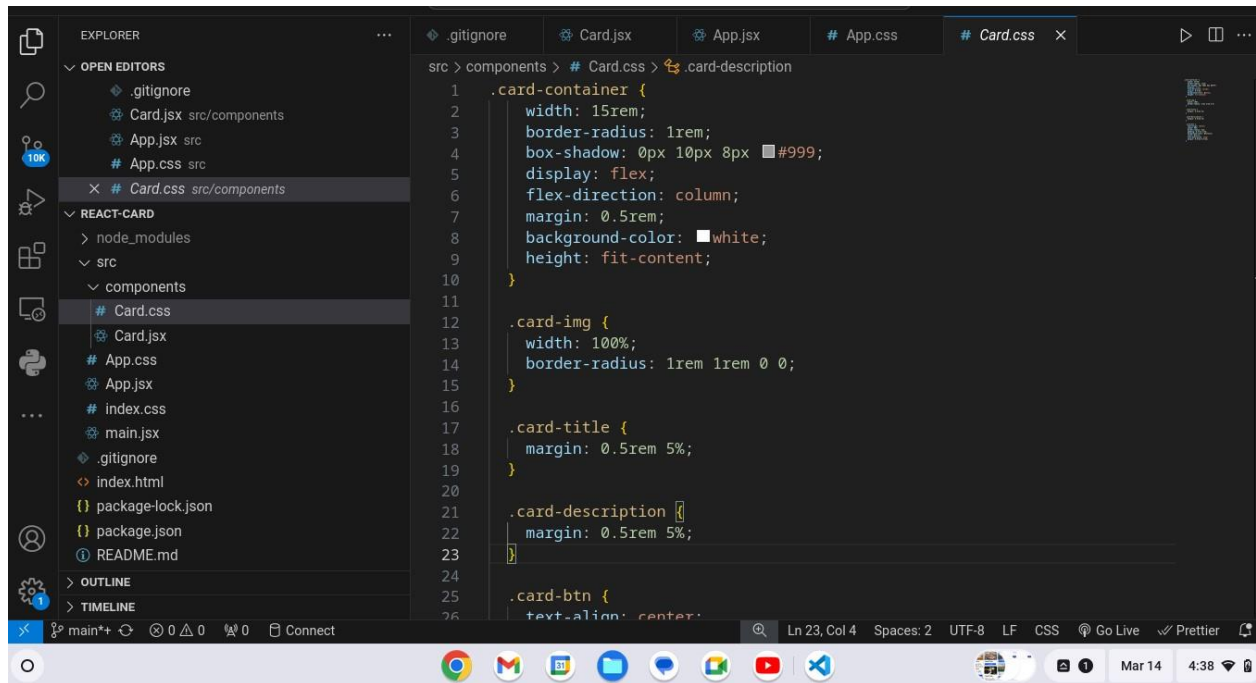
```
border-radius: 1rem; box-shadow: 0px 10px 8px #999; display: flex; flex-direction: column; margin: 0.5rem; background-color: white; height: fit-content;
```

```
.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"
```

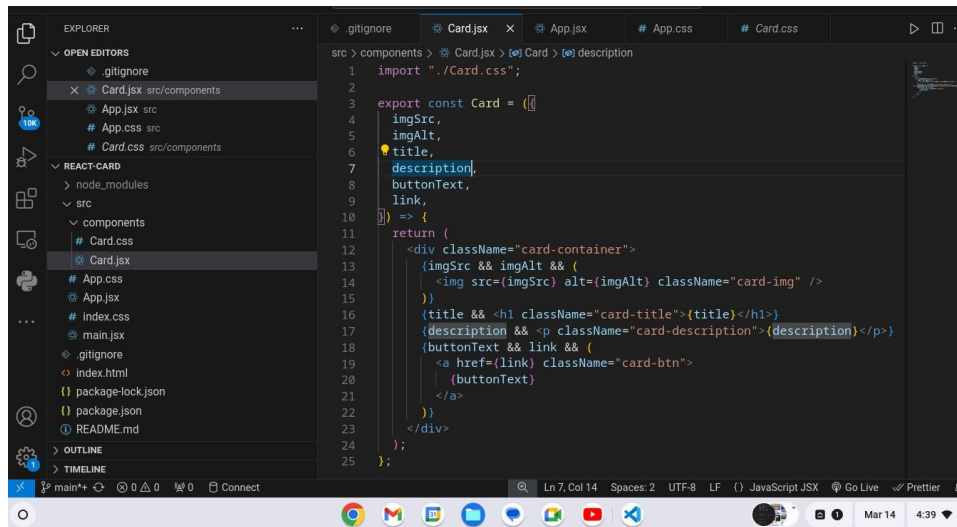
```
description="This is the card description section. You can add more details  
about the product here"  
link="card2"
```

```
/>
```

```
</div> </div>
```

```
);
```

```
export default App;
```



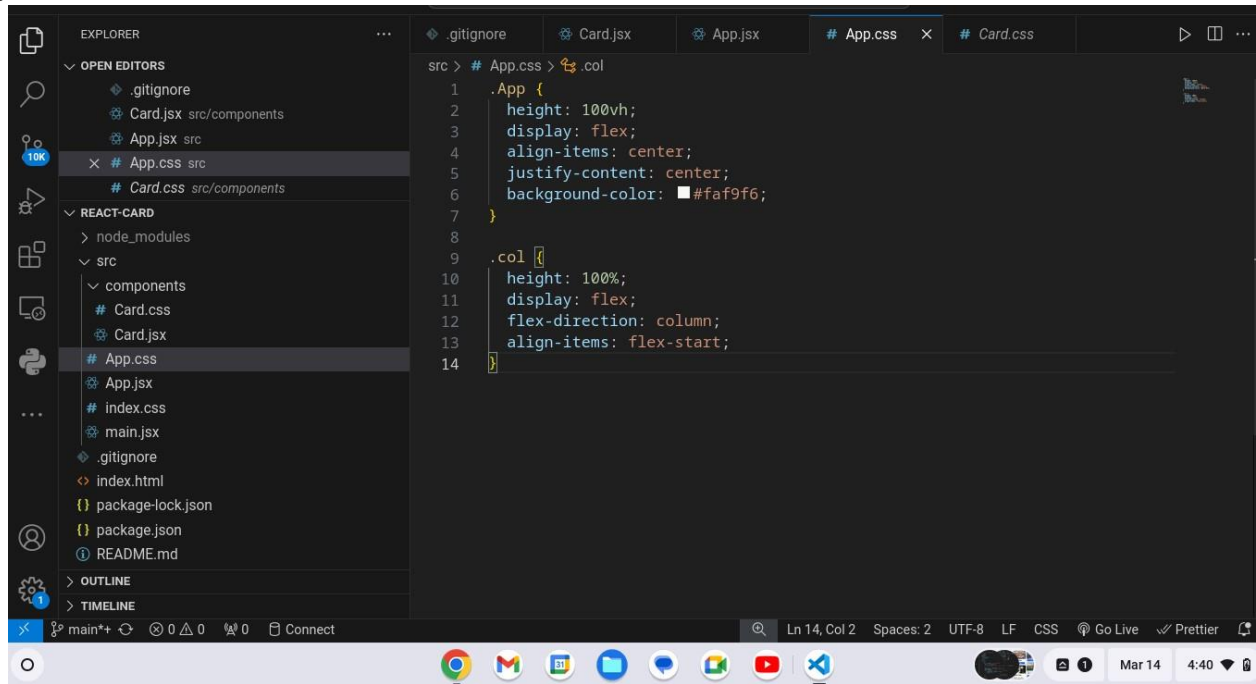
```
APP.CSS: .App { height:  
100vh; display: flex;  
align-items: center; justify-  
content: center;  
background-color: #faf9f6;  
}
```

```
.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 shows the project structure with files like .gitignore, Card.jsx, App.jsx, App.css, and Card.css. The main editor area shows the content of App.css, which includes a .col class with flex-direction: column and align-items: flex-start. The Card.css file is also open, showing height: 100vh, display: flex, align-items: center, justify-content: center, and background-color: #faf9f6.

```
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:

