

## Assignment-2: React.js Component Creation Assignment

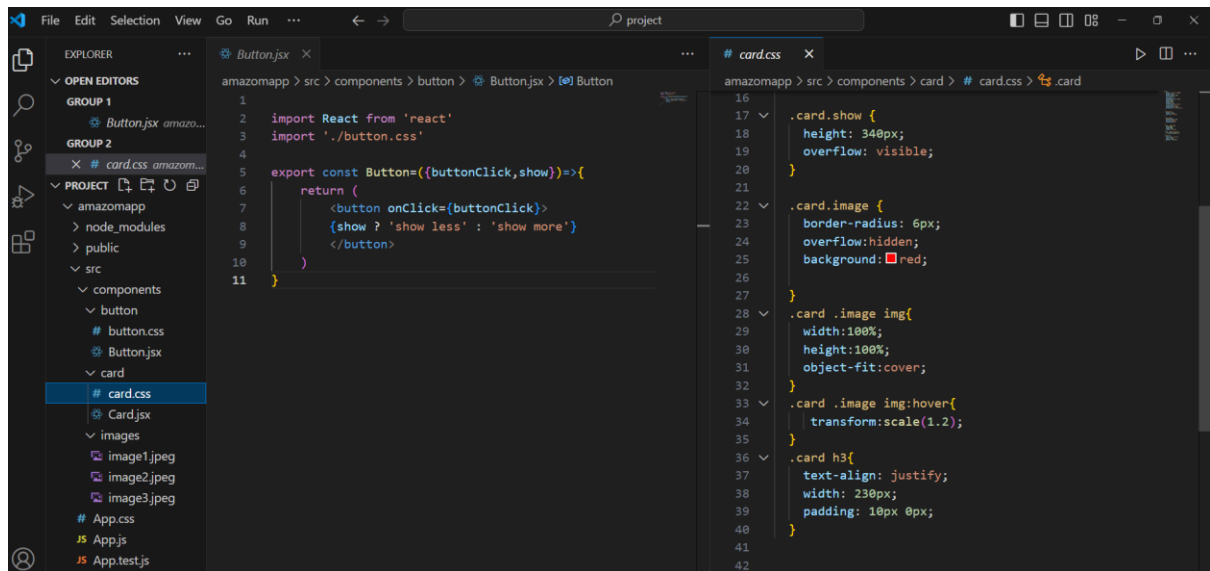
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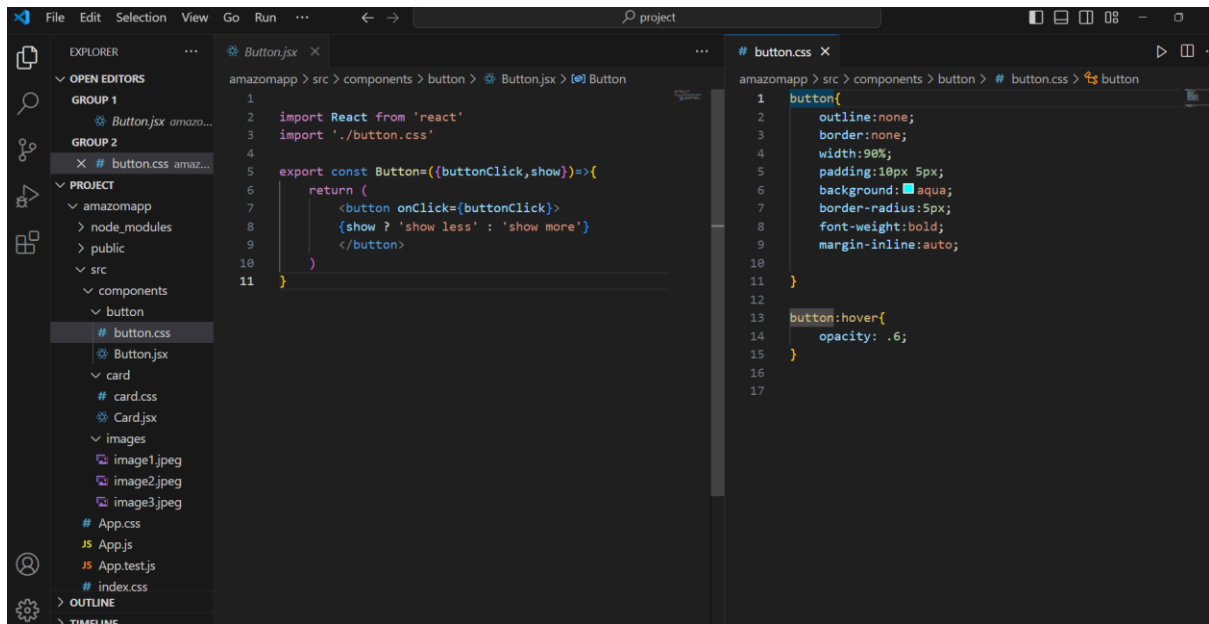
**Source Code:**

**Card component:**

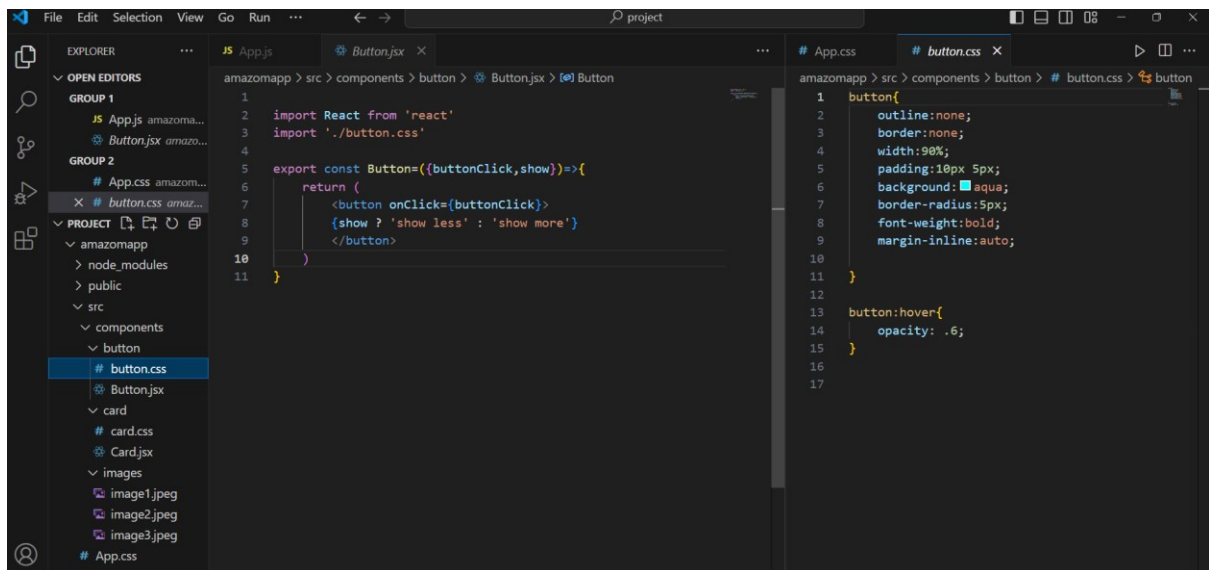


```
1 import React from 'react'
2 import './button.css'
3
4 export const Button=({buttonClick,show})=>{
5   return (
6     <button onClick={buttonClick}>
7       {show ? 'show less' : 'show more'}
8     </button>
9   )
10 }
11
```

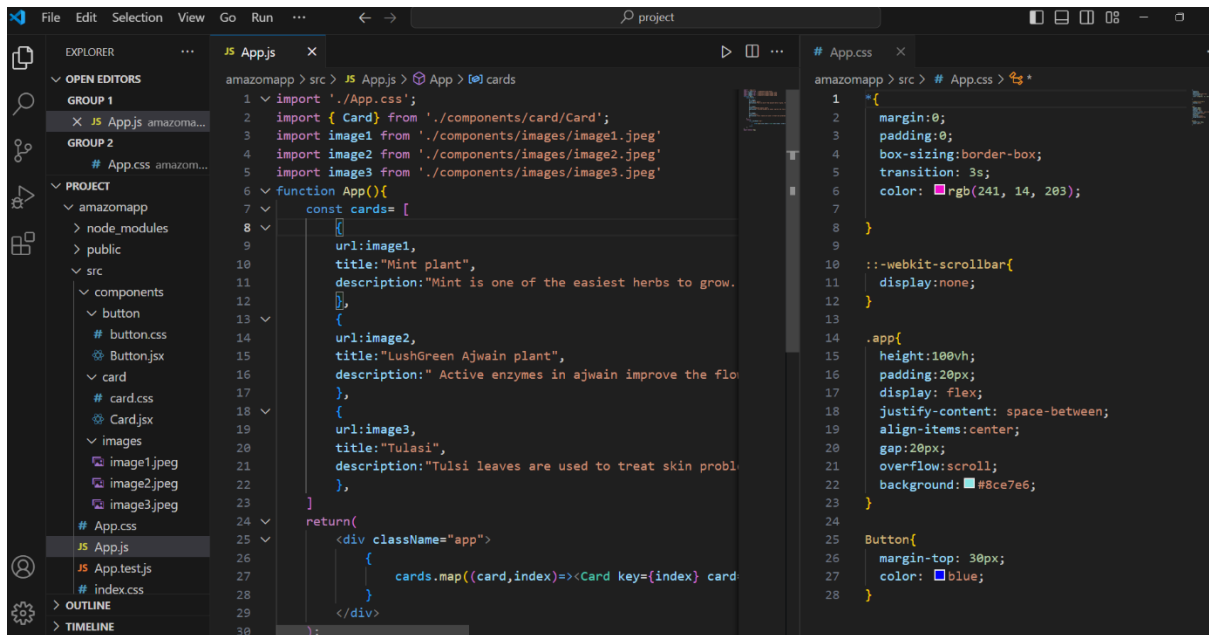
```
16
17 .card.show {
18   height: 340px;
19   overflow: visible;
20 }
21
22 .card.image {
23   border-radius: 6px;
24   overflow: hidden;
25   background: red;
26 }
27
28 .card .image img{
29   width: 100%;
30   height: 100%;
31   object-fit: cover;
32 }
33 .card .image img: hover{
34   transform: scale(1.2);
35 }
36
37 .card h3{
38   text-align: justify;
39   width: 230px;
40   padding: 10px 0px;
41 }
42
```



## Button Component:



## App Component:



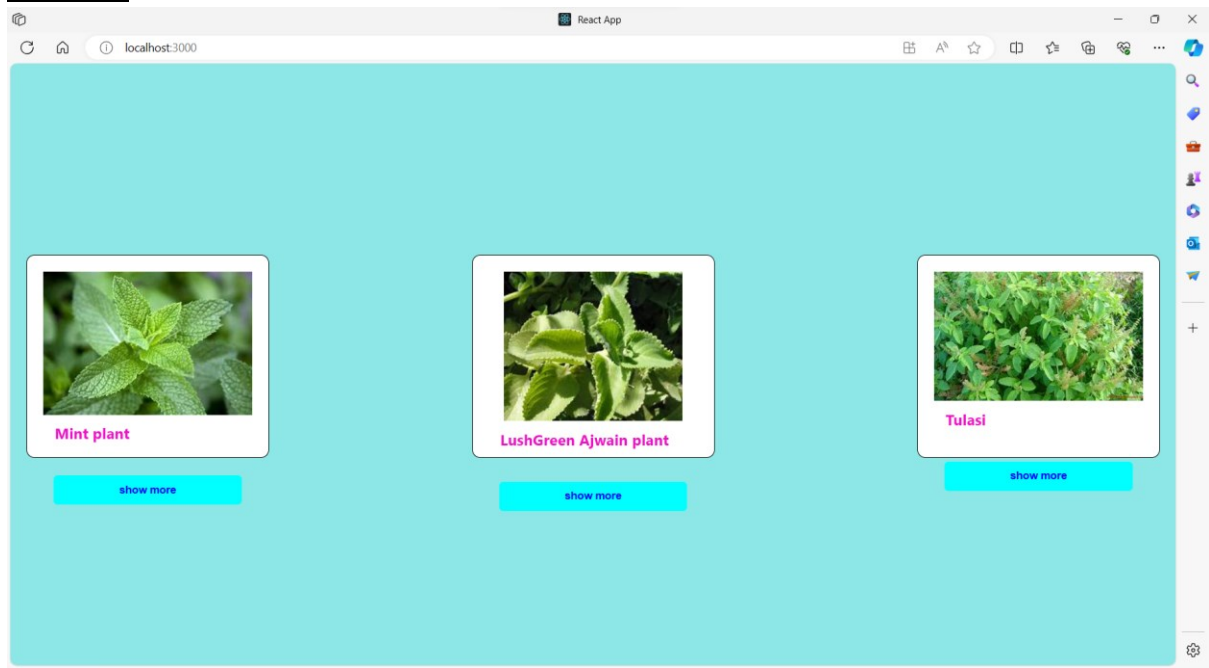
The screenshot shows the Visual Studio Code editor with two files open: `App.js` and `App.css`. The `App.js` file contains the following code:

```
1 import './App.css';
2 import { Card } from '../components/card/Card';
3 import image1 from '../components/images/image1.jpeg';
4 import image2 from '../components/images/image2.jpeg';
5 import image3 from '../components/images/image3.jpeg';
6 function App(){
7   const cards = [
8     {
9       url:image1,
10      title:"Mint plant",
11      description:"Mint is one of the easiest herbs to grow."
12     },
13     {
14       url:image2,
15       title:"LushGreen Ajwain plant",
16       description:" Active enzymes in ajwain improve the flow"
17     },
18     {
19       url:image3,
20       title:"Tulasi",
21       description:"Tulasi leaves are used to treat skin probl"
22     },
23   ]
24   return(
25     <div className="app">
26       {
27         cards.map(({card,index})=><Card key={index}> card
28       }
29     </div>
30   );
31 }
```

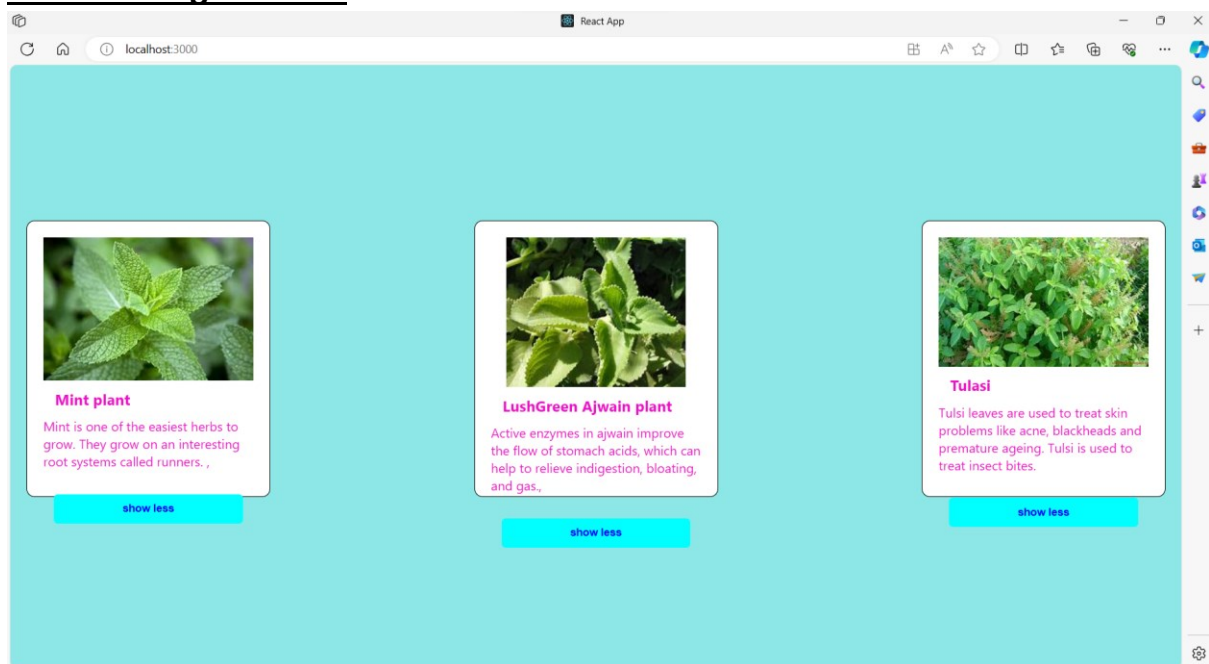
The `App.css` file contains the following CSS rules:

```
1 *{
2   margin:0;
3   padding:0;
4   box-sizing:border-box;
5   transition: 3s;
6   color: #8ce7e6;
7 }
8
9
10 ::-webkit-scrollbar{
11   display:none;
12 }
13
14 .app{
15   height:100vh;
16   padding:20px;
17   display: flex;
18   justify-content: space-between;
19   align-items:center;
20   gap:20px;
21   overflow:scroll;
22   background: #8ce7e6;
23 }
24
25 Button{
26   margin-top: 30px;
27   color: blue;
28 }
```

## OutPut:



## After clicking buttons:



## Save as Button.js:

```
import React from 'react'
import './button.css'
export const Button=({buttonClick,show})=>{
  return (
    <button onClick={buttonClick}>
      {show ? 'show less' : 'show more'}
    </button>
  )
}
```

## Save as Button.css:

```
button{
  outline:none;
  border:none;
  width:90%;
  padding:10px 5px;
  background:aqua;
  border-radius:5px;
  font-weight:bold;
```

```
margin-inline:auto;
```

```
}
```

```
button:hover{
```

```
  opacity: .6;
```

```
}
```

**Save as card.js:**

```
import React,{ useState } from 'react'
```

```
import { Button } from'../button/Button'
```

```
import './card.css'
```

```
export const Card=({card})=>{
```

```
  const [show,setShow]=useState(false);
```

```
  function buttonClick(){
```

```
    setShow(!show);
```

```
  }
```

```
  return (
```

```
    <div className={show ? "card show" : "card"}>
```

```
      <div className="image">
```

```
        <img src={card.url} alt="" />
```

```
      </div>
```

```
      <h3>{card.title}</h3>
```

```
      {
```

```
        show && <p>{card.description}</p>
```

```
      }
```

```
      <Button buttonClick={buttonClick}show={show}/>
```

```
        </div>
    )

}
```

**Save as card.css:**

```
.card {
    border: 1px solid #000;
    padding: 20px;
    border-radius: 10px;
    flex-shrink: 0;
    flex-grow: 0;
    background-color: #fff;
    width:300px;
    height:250px;
    display:flex;
    flex-direction: column;
    align-items:center ;
    margin-bottom: 20px;
    transition: all 0.3s ease;
}
```

```
.card.show {
    height: 340px;
    overflow: visible;
}
```

```
.card.image {
    border-radius: 6px;
    overflow:hidden;
    background:red;
```

```
}  
  
.card .image img{  
  width:100%;  
  height:100%;  
  object-fit:cover;  
}  
  
.card .image img:hover{  
  transform:scale(1.2);  
}  
  
.card h3{  
  text-align: justify;  
  width: 230px;  
  padding: 10px 0px;  
}
```

**Save as App.js:**

```
import './App.css';  
import { Card } from './components/card/Card';  
import image1 from './components/images/image1.jpeg'  
import image2 from './components/images/image2.jpeg'  
import image3 from './components/images/image3.jpeg'  
function App(){  
  const cards= [  
    {  
      url:image1,  
      title:"Mint plant",  
      description:"Mint is one of the easiest herbs to grow. They grow on an interesting root systems  
called runners. ,"  
    },  
    {  
      url:image2,  
      title:"LushGreen Ajwain plant",
```

description:" Active enzymes in ajwain improve the flow of stomach acids, which can help to relieve indigestion, bloating, and gas.,"

},

{

url:image3,

title:"Tulasi",

description:"Tulsi leaves are used to treat skin problems like acne, blackheads and premature ageing. Tulsi is used to treat insect bites."

},

]

return(

<div className="app">

{

cards.map((card,index)=><Card key={index} card={card}/>)

}

</div>

);

}

export default App;

save as App.css:

\*{

margin:0;

padding:0;

box-sizing:border-box;

transition: 3s;

color: rgb(241, 14, 203);

}

::-webkit-scrollbar{

display:none;

}



```
.app{  
  height:100vh;  
  padding:20px;  
  display: flex;  
  justify-content: space-between;  
  align-items:center;  
  gap:20px;  
  overflow:scroll;  
  background:#8ce7e6;  
}
```

```
Button{  
  margin-top: 30px;  
  color: blue;  
}
```