

## ASSIGNMENT – 2: REACT.JS COMPONENT CREATION

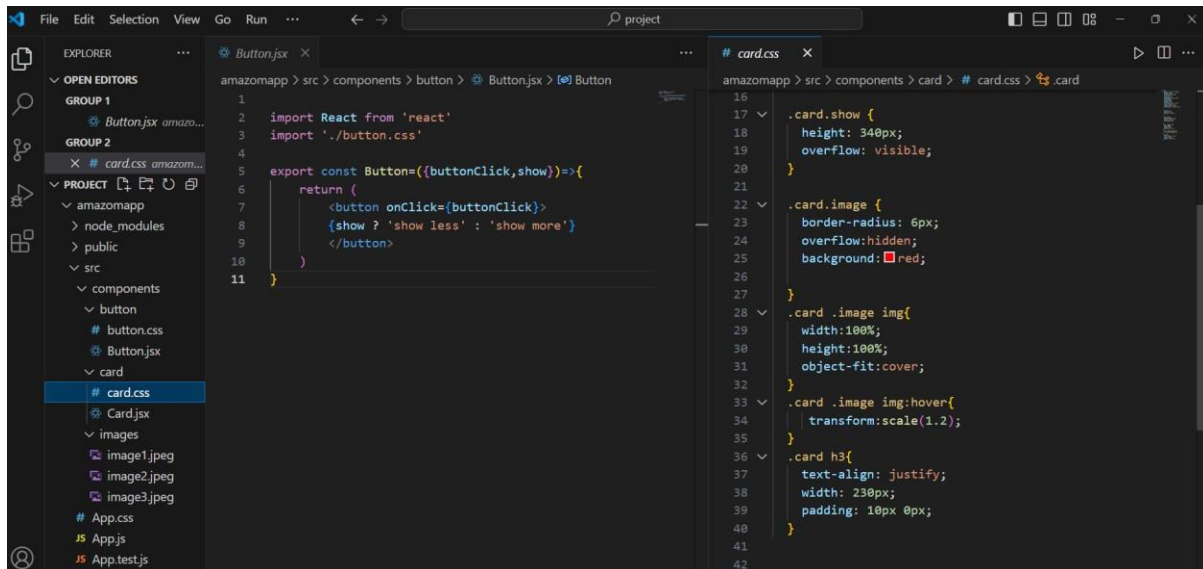
**NAME:** PAMANJI VISALAKSHI

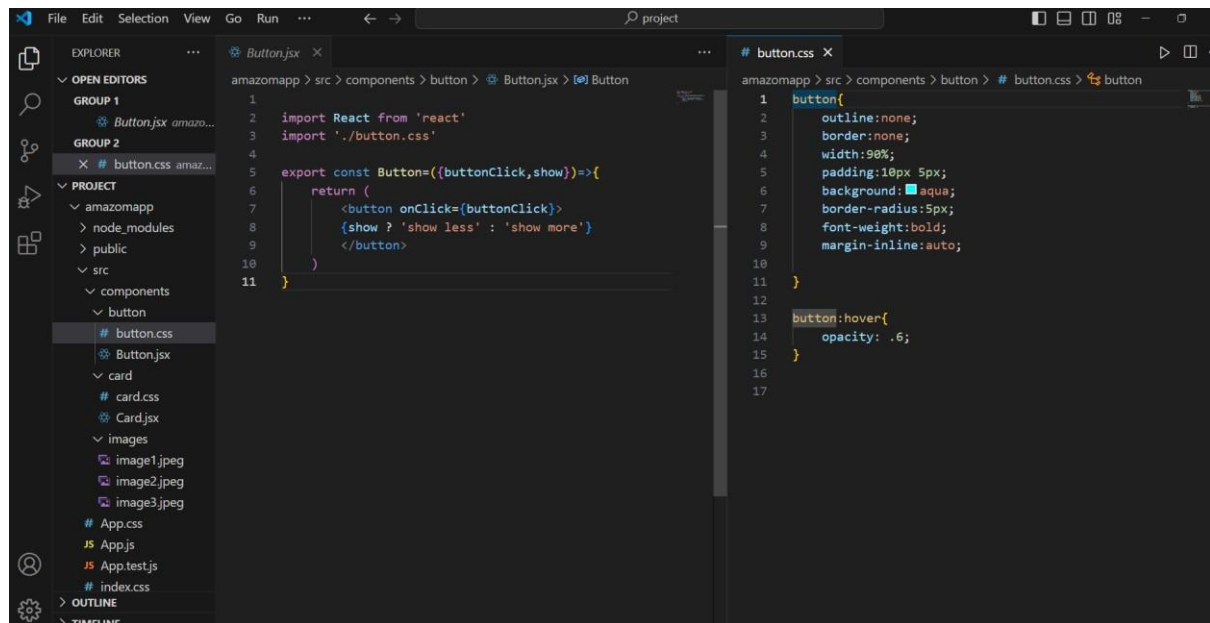
**ROLL NO:**2022MCA16069

**COLLEGE NAME:** Sri Padmavati mahila Vishwavidyalayam

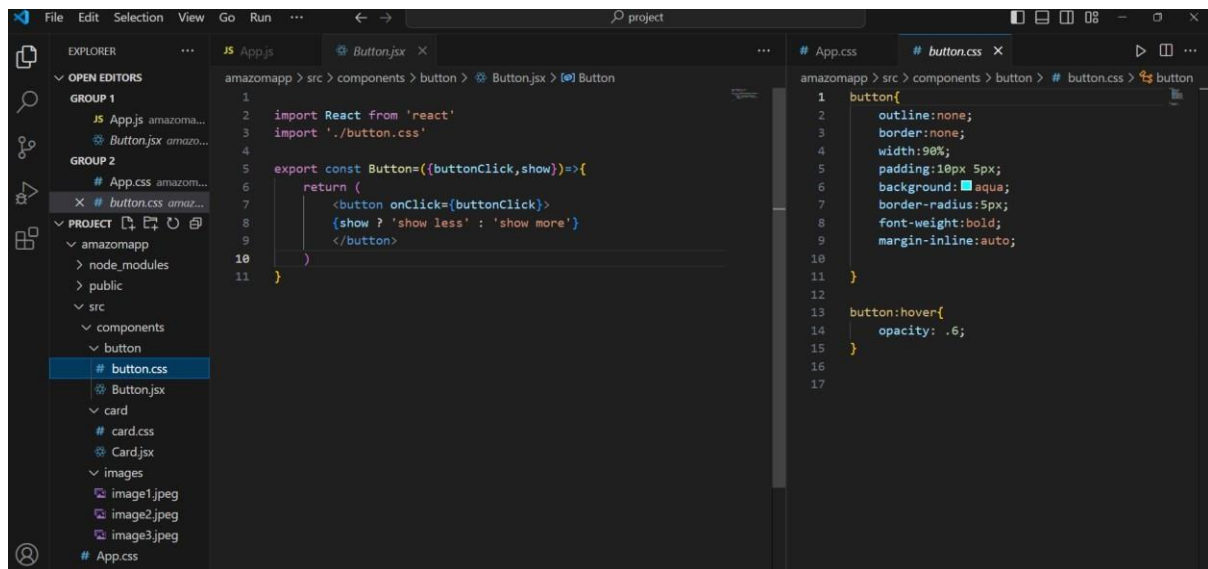
**OUTPUT:**

**Card component:**

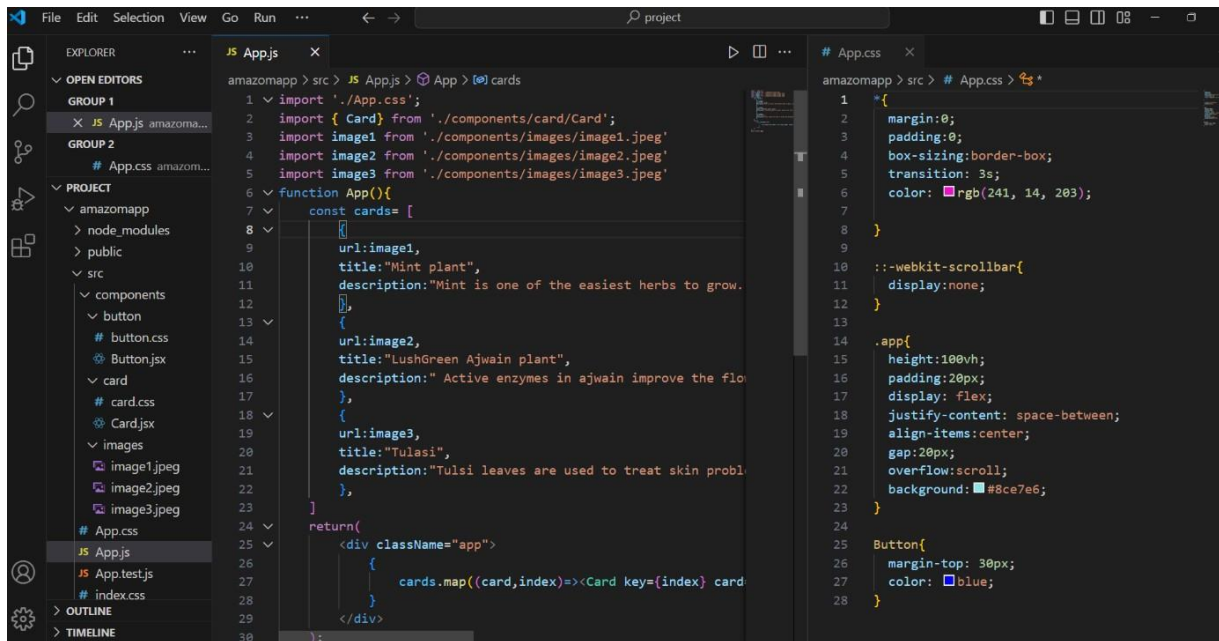




## Button Component:



## App Component:



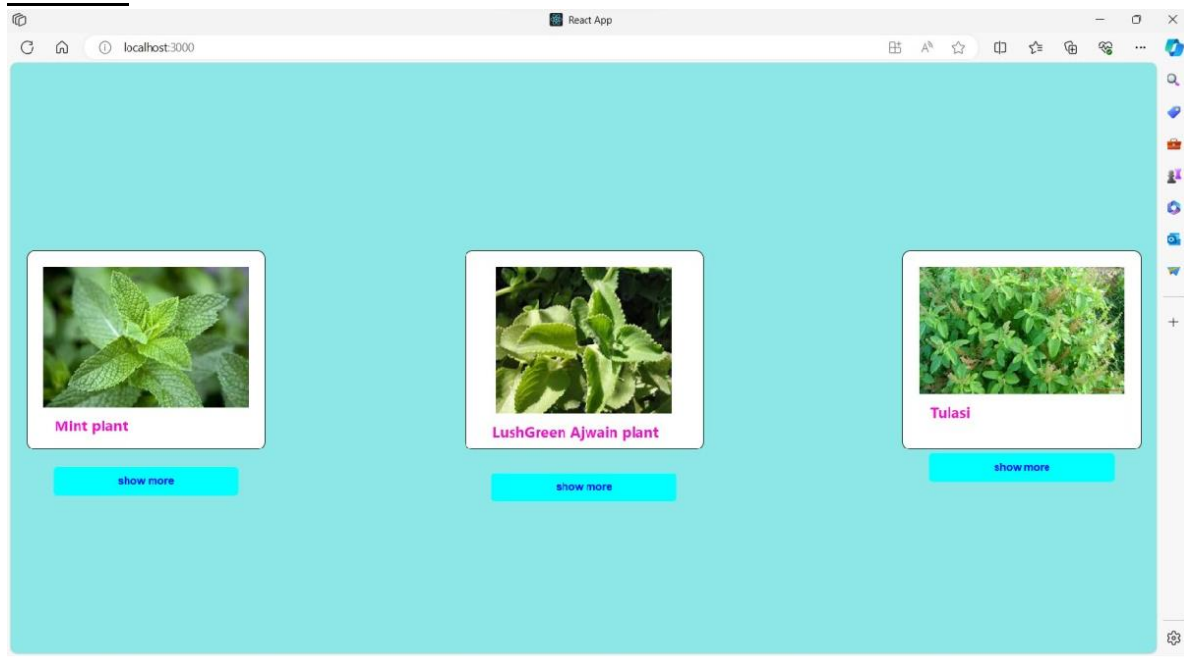
The screenshot shows the VS Code editor with two files open: `App.js` and `App.css`. The `App.js` file is located at `amazomapp > src > JS App.js` and contains the following code:

```
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
7 function App(){
8   const cards= [
9     {
10      url:image1,
11      title:"Mint plant",
12      description:"Mint is one of the easiest herbs to grow."
13     },
14     {
15      url:image2,
16      title:"LushGreen Ajwain plant",
17      description:"Active enzymes in ajwain improve the flo"
18     },
19     {
20      url:image3,
21      title:"Tulasi",
22      description:"Tulasi leaves are used to treat skin probl"
23     },
24   ]
25   return(
26     <div className="app">
27       {
28         cards.map((card,index)=><Card key={index} card
29       )
30     }
31   )
32 }
```

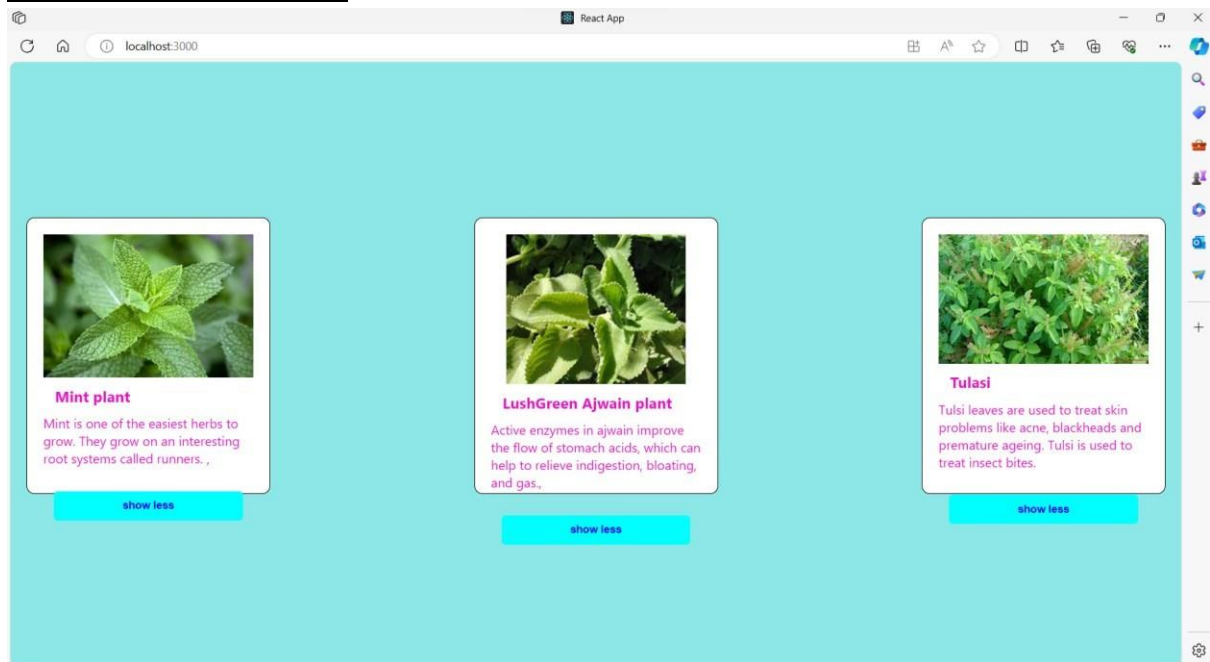
The `App.css` file is located at `amazomapp > src > # App.css` and contains the following code:

```
1 *{
2   margin:0;
3   padding:0;
4   box-sizing:border-box;
5   transition: 3s;
6   color: rgb(241, 14, 203);
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:



## Source code:

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

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