ASSIGNMENT – 2: REACT.JS COMPONENT CREATION

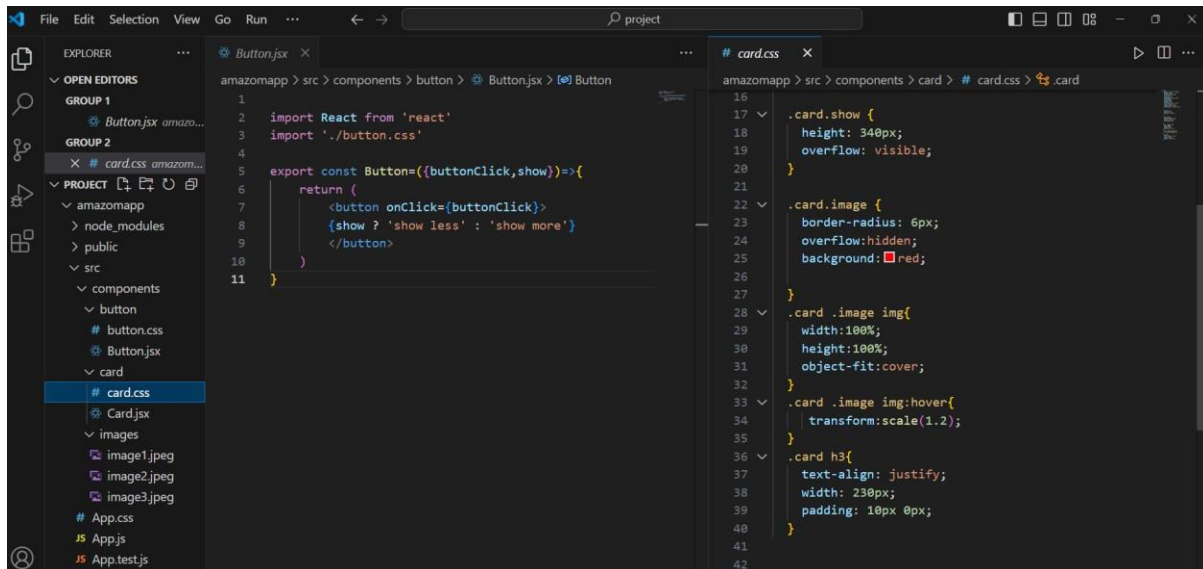**NAME:** PAMANJI VISALAKSHI
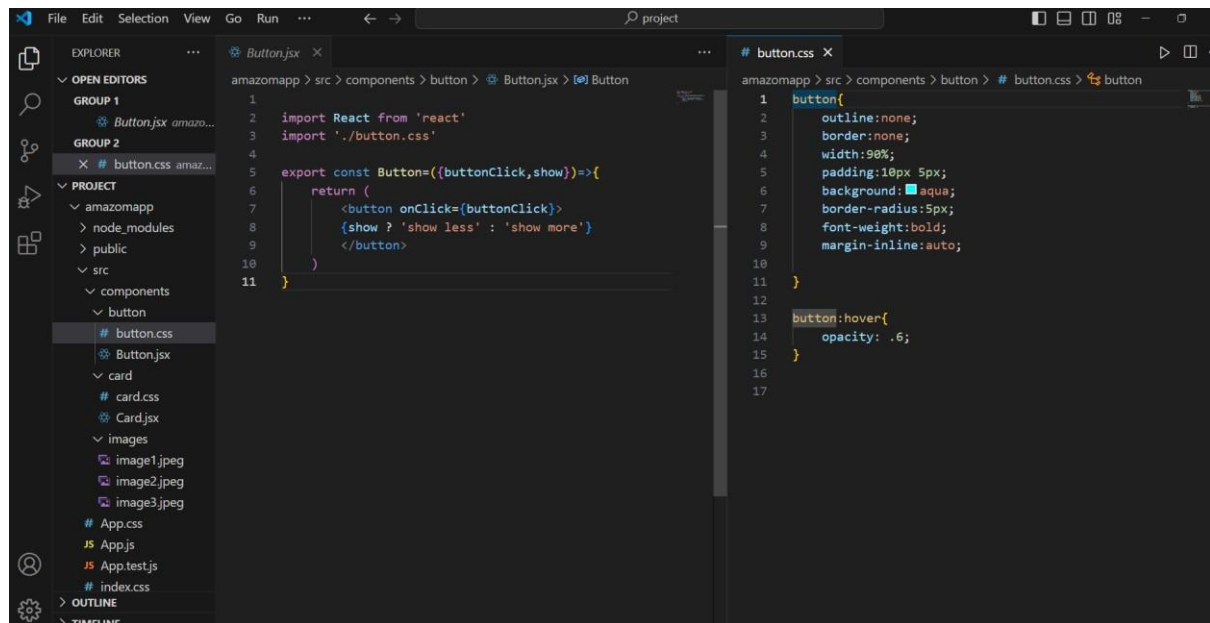
ROLL NO:2022MCA16069

COLLEGE NAME: Sri Padmavati mahila Vishwavidyalayam
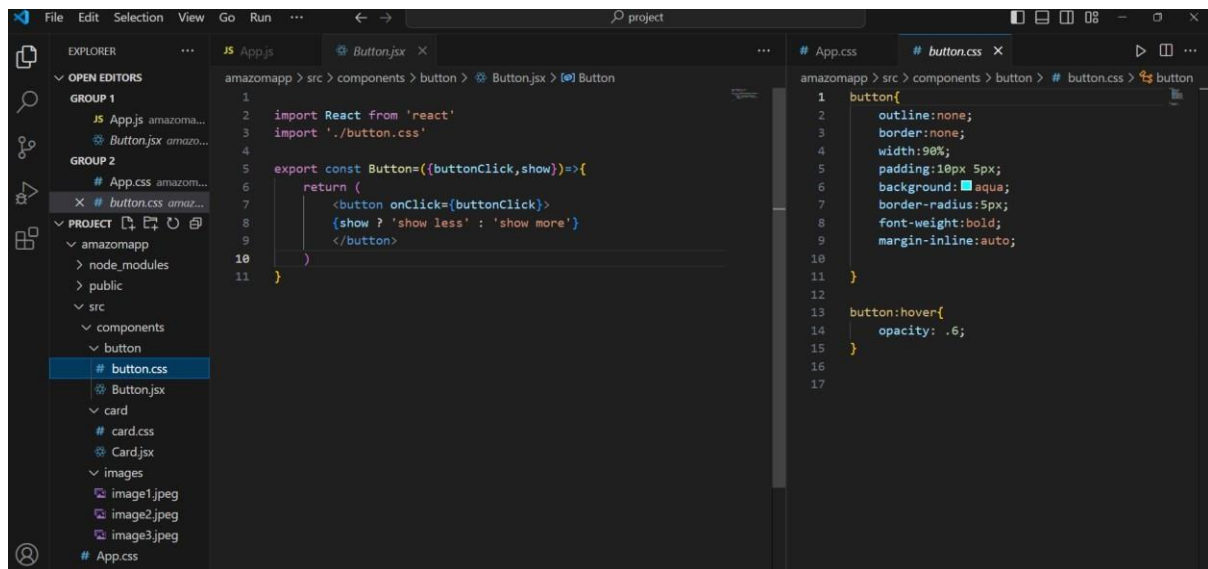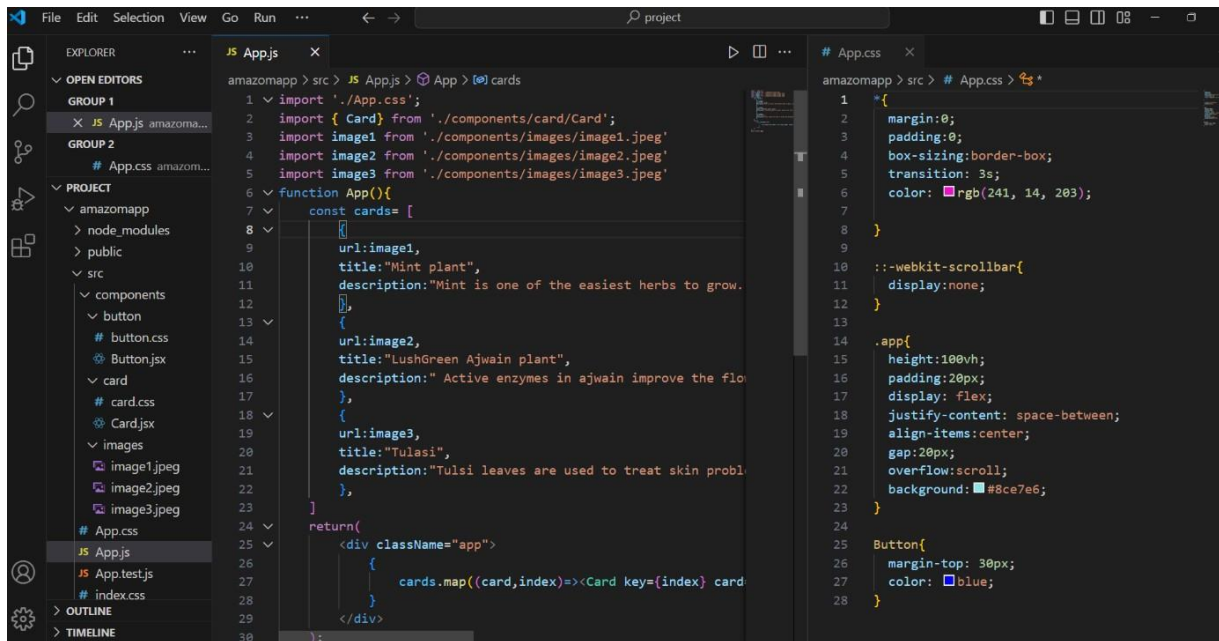
OUTPUT:

Card component:

Button Component:


```jsx
import React from 'react'
import './button.css'

export const Button=({buttonClick,show})=>{
    return (
        <button onClick={buttonClick}>
        {show ? 'show less' : 'show more'}
        </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;
}
```

App Component:


```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.
        },
        {
        url:image2,
        title:"LushGreen Ajwain plant",
        description:" Active enzymes in ajwain improve the flo
        },
        {
        url:image3,
        title:"Tulasi",
        description:"Tulsi leaves are used to treat skin probl
        },
    ]
    return(
        <div className="app">
            {
                cards.map((card,index)=><Card key={index} card
            }
        </div>
    );
```

```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;
}
```

OutPut:
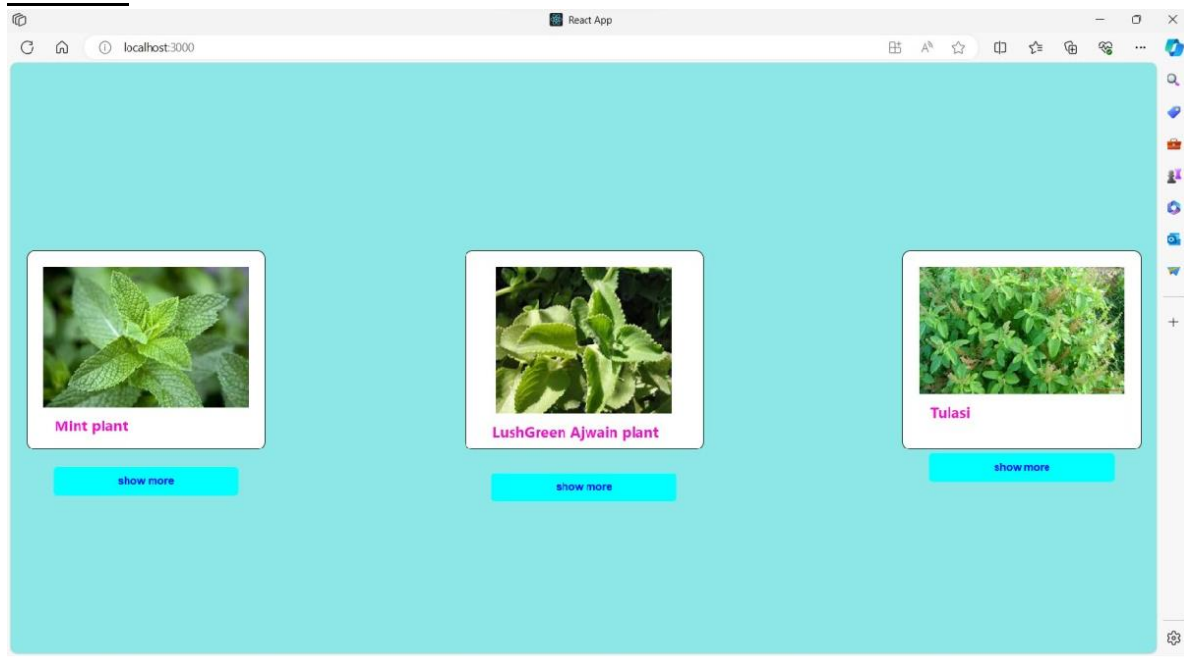
After clicking buttons:
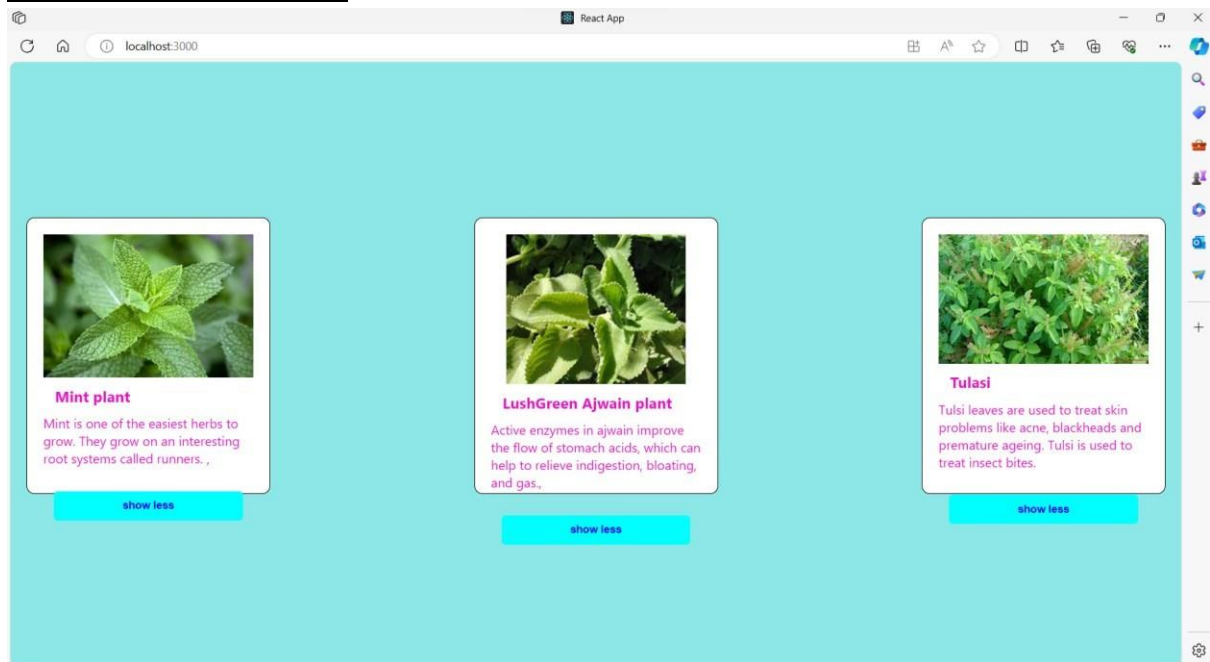
Source code:

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;
```

```css
        margin-inline:auto;


}


button:hover{

    opacity: .6;

}
```

Save as card.js:

```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:

```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",
```

```jsx
        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:

```css
*{
 margin:0;
 padding:0;
 box-sizing:border-box;
 transition: 3s;
 color: rgb(241, 14, 203);


}


::-webkit-scrollbar{
 display:none;
}
```

```css
.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;
}
```