Subject code & Name	:	**CSE304 & Full Stack Development**	Practical	:	**3**	Academic Year	:	**2024-25**

Task - 3

Aim

Create a React page that displays a Welcome message with the current local date and time which changes every second. Use the React JSX concept.

Code

Hookcounter1.js

```
import React,{useState} from "react";

function Hookcounter1() {
    const [count, setCount] = useState(0)
    const inc5 = () => {
        for(let i = 0; i < 5; i++) {
            setCount(prevCount => prevCount + 1)
        }
    }
    return(
        <div>
            <button onClick={() => setCount(count+1)}>Increment</button>
            <button onClick={() => setCount(count-1)}>Decrement</button>
            <button onClick={inc5}>inc5</button>
            <button onClick={() => setCount(0)}>Reset</button>
            <h2>{count}</h2>
        </div>
    )
}

export default Hookcounter1
```
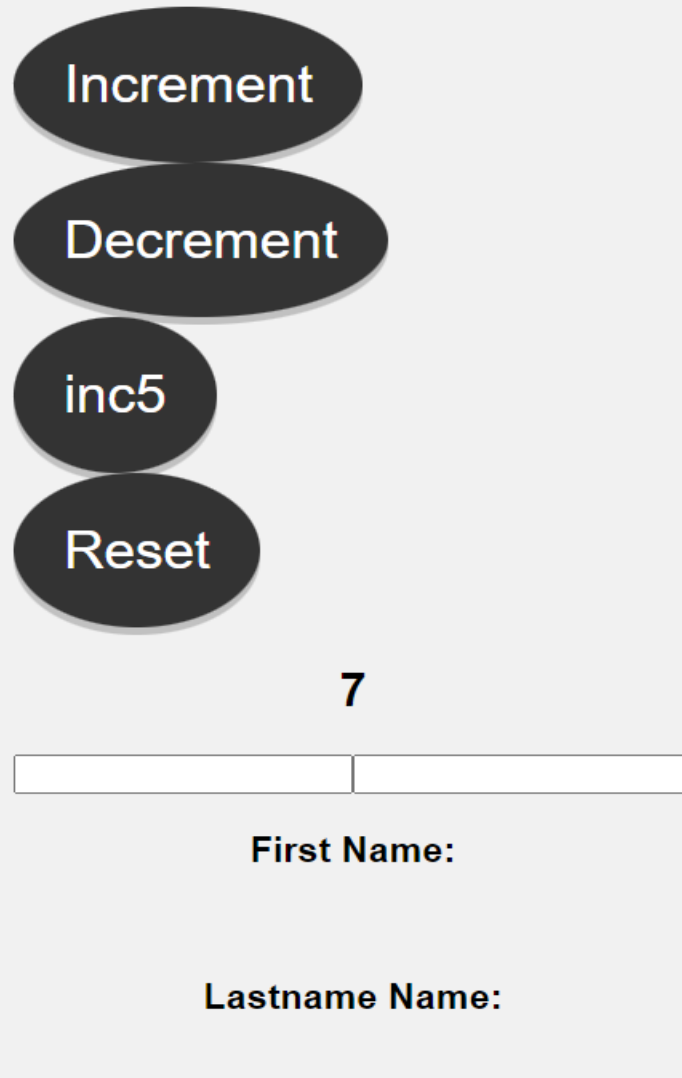
HookCounter2.js

```
import React, {useState} from "react";

function Hookcounter2() {
    const [name, setName] = useState({firstname : ", lastname : "}) // default value is an object
    return(
        <div>
            <input type="text"
            value = {name.firstname}
```

```
        onChange={e => setName({...name, firstname: e.target.value})} />
        <input type = "text"
        value={name.lastname}
        onChange={e => setName({...name, lastname: e.target.value})} />
        <h3>First Name: {name.firstname}</h3> <br></br>
        <h3>Lastname Name: {name.lastname}</h3> <br></br>
        </div>
    )
}

export default Hookcounter2
```

Output

4.1 counter

4.2 hook counter

Signature :