```
UseStateArray.js
import React, {useState} from 'react'
function UseStateArray() {
   const [arr,setArr] = useState([]);
   const [user, setUser] = useState('');
   const onClick = () => {
       setArr( arr => [...arr, user]);
   };
 return (
   <div>
       <input type="text" value={user} onChange={(e)=> setUser(e.target.value)}/><br/>>
       <button style={{textAlign: 'center'}} onClick={onClick}>Add User</button>
       UserName
           {arr.map(ele => {
              return {ele}
          })}
       </div>
}
export default UseStateArray
Rating.js
import React, {useState} from 'react';
import { IoIosStar, IoIosStarOutline }
from 'react-icons/io'
function Rating(props) {
```

```
const [rating, setRating] = useState(props.rating);
return (
   <div>
       <h1>Rating: {rating}</h1>
       {rating >= 1 ? (
           <IoIosStar
           onClick={function(){setRating(1)}}/>
       ):(
           <IoIosStarOutline
           onClick={function(){setRating(1)}}/>
       )}
       {rating >= 2 ? (
           <IoIosStar onClick={() => setRating(2)}/>
       ):(
           <IoIosStarOutline onClick={() => setRating(2)}/>
       )}
       {rating >= 3 ? (
           <IoIosStar onClick={() => setRating(3)}/>
       ):(
           <IoIosStarOutline onClick={() => setRating(3)}/>
       )}
       {rating >= 4 ? (
           <IoIosStar onClick={() => setRating(4)}/>
       ):(
           <IoIosStarOutline onClick={() => setRating(4)}/>
       )}
       {rating >= 5 ? (
           <IoIosStar onClick={() => setRating(5)}/>
       ):(
```

```
<IoIosStarOutline onClick={() => setRating(5)}/>
            )}
        </div>
   );
}
export default Rating;
Example for Array of Objects in UseState:
TextInput.js
import React, {useState} from 'react'
function TextInput() {
const [name, setName] = useState({fn:' ', ln:' '});
 return (
    <div>
        <input type="text" value = {name.fn} onChange ={(e)=>setName({...name, fn: e.target.value})} />
        <input type="text" value = {name.ln} onChange = {(e)=>setName({...name, ln: e.target.value})} />
        <h2>First Name: {name.fn} </h2>
        <h2>Last Name: {name.ln} </h2>
    </div>
export default TextInput
```