WEEK_5

REACT MINIPROJECT-BLOG PORTAL

NAME : KUMARAN G

ROLL NO: 717821f227

Dept : IT

```jsx
import React, { useState } from 'react';
import './App.css';
// BlogPost Component
const BlogPost = ({ post }) => {
    const [showContent, setShowContent] = useState(false);
    return (
        <div className="blog-post">
            <h2 onClick={() => setShowContent(!showContent)}>{post.title}</h2>
            {showContent && (
                <>
                    <p>{post.content}</p>
                    <p>Author: {post.author}</p>
                </>
            )}
        </div>
    );
};
// BlogList Component
const BlogList = ({ posts }) => {
    return (
        <div className="blog-list">
            {posts.map((post) => (
                <BlogPost key={post.id} post={post} />
            ))}
        </div>
    );
};
// SearchBar Component
const SearchBar = ({ onFilter }) => {
    const handleInputChange = (e) => {
        const filterValue = e.target.value;
```

```jsx
            onFilter(filterValue);
    };
    return (
        <input
            type="text"

            placeholder="Search by title"
            onChange={handleInputChange}
        />
    );
};
function App() {
    const initialPosts = [
        {
            id: 1,
            title: 'Love',
            content: '100+ Romantic Love',
            author: 'Rajendiran',
        },
        {
            id: 2,
            title: 'Life',
            content: 'The Real World',
            author: 'Divya',
        },
        {
            id: 3,
            title: 'Lose',
            content: 'Titanic',
            author: 'James',
        },
        {
            id: 4,
            title: 'War',
            content: 'Great Hitler',
            author: 'Dhinesh',
        },
        {
            id: 5,
            title: 'Peace',
            content: 'The peace',
            author: 'Pradeesh',
        },
        {
            id: 6,
            title: 'CAR',
            content: 'Fast and Furious',
            author: 'Author 2',
```

```
        },
        {
            id: 7,
            title: 'Bike',
            content: 'R15 v3',

            author: 'Kumaran',
        },
        {
            id: 8,
            title: 'Failure',
            content: 'Washout',
            author: 'Vaishnav',
        },
        // Add more blog posts here
    ];
    const [posts, setPosts] = useState(initialPosts);
    const [filteredPosts, setFilteredPosts] = useState(posts);
    const handleFilter = (filterValue) => {
        const filtered = posts.filter((post) =>
            post.title.toLowerCase().includes(filterValue.toLowerCase())
        );
        setFilteredPosts(filtered);
    };
    return (
        <div className="App">
            <h1>React Blog Portal</h1>
            <SearchBar onFilter={handleFilter} />
            <BlogList posts={filteredPosts} />
            <thank you />
        </div>
    );
}
export default App;
```

OUTPUT :

React Blog Portal

Search by title

Love

100+ Romantic Love

Author: Rajendiran

Life

Lose

War

Peace

CAR

Bike

R15 v3

Author: Kumaran

Failure

SEARCH

React Blog Portal

love

Love

100+ Romantic Love

Author: Rajendiran