Ex. No. 5	**App in React**

App.js

```
import {useEffect, useState} from 'react';
import MovieCard from './MovieCard';

import './App.css';
import SearchIcon from './search.svg';

const API_URL = 'http://www.omdbapi.com?apikey=c1911dbc';

const App = () => {
    const [movies, setMovies] = useState([]);
    const [searchTerm, setSearchTerm] =useState('');


    const searchMovies = async (title) => {
        const response = await fetch(`${API_URL}&s=${title}`);
        const data = await response.json();

        setMovies(data.Search);
    }

    useEffect(() => {
        searchMovies('Spiderman');
    }, []);

    return (
        <div className='app'>
            <h1>MovieSearchApp</h1>

            <div className='search'>
                <input placeholder="Search" value={searchTerm}
onChange={(e) => setSearchTerm(e.target.value)}/>
                <img src={SearchIcon} alt='search' onClick={() =>
searchMovies(searchTerm)}/>
            </div>

            {
                movies?.length > 0
```

```
                    ? (
                        <div className='container'>
                            {movies.map((movie) => <MovieCard
movie={movie}/>)}
                        </div>
                    ) : (
                        <div className='empty'>
                            <h2>No movies found</h2>
                        </div>
                    )
            }
        </div>
    );
}

export default App;
```

Index.js

```
import React from 'react';
import ReactDOM from 'react-dom';

import App from './App';

ReactDOM.render(<App />, document.getElementById('root'));
```

MovieCard.jsx

```
import React from "react";

const MovieCard = ({ movie }) => {
    return (
        <div className='movie'>
            <div>
                <p>{movie.Year}</p>
            </div>
            <div>
                <img  src={movie.Poster} alt={movie.Title}/>
            </div>
            <div>
                <span>{movie.Type}</span>
                <h3>{movie.Title}</h3>
            </div>
```
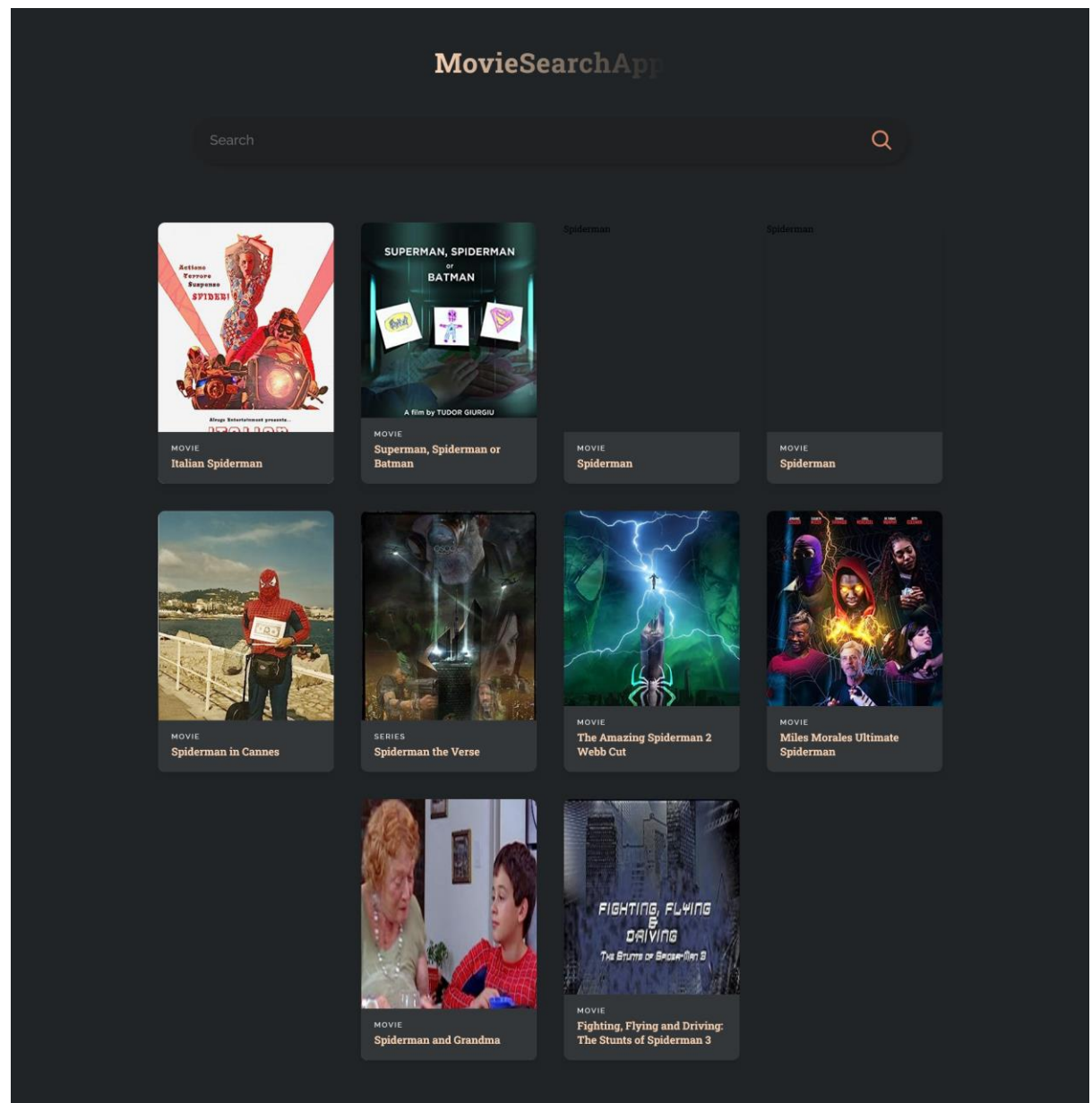
```
        </div>
    );
}

export default MovieCard;
```

Screenshots:

MovieSearchApp

batman   🔍

MOVIE
Batman Begins

MOVIE
The Batman

MOVIE
Batman v Superman: Dawn of Justice

MOVIE
Batman

MOVIE
Batman Returns

MOVIE
Batman & Robin

MOVIE
Batman Forever

MOVIE
The Lego Batman Movie

SERIES
Batman: The Animated Series

MOVIE
Batman v Superman: Dawn of Justice (Ultimate Edition)