<!DOCTYPE html>

<html>

<head>

<title>Todo App</title>

</head>

<body>

<h1>Create a Todo App</h1>

<p>1. Add and complete a task on a single page.</p>

<p>2. Use the React Framework.</p>

<pre>

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

function TodoApp() {

const [tasks, setTasks] = useState([]); const [task, setTask] = useState('');

const addTask = () => { if (task.trim()) {

setTasks([...tasks, { text: task, completed: false }]); setTask('');

}

};

const toggleTask = (index) => { const newTasks = [...tasks];

newTasks[index].completed = !newTasks[index].completed; setTasks(newTasks);

};

return (

<div>

<h1>Todo App</h1>

<input

type="text" value={task}

onChange={(e) => setTask(e.target.value)} placeholder="Enter a task"

/>

<button onClick={addTask}>Add Task</button>

<ul>

{tasks.map((task, index) => (

<li key={index}>

<span

style={{ textDecoration: task.completed ? 'line-through' : 'none' }} onClick={() => toggleTask(index)}

>

{task.text}

</span>

</li>

))}

</ul>

</div>

);

}

export default TodoApp;`}

</pre>

</body>

</html>

Output

