

App.jsx:

```
import React, { useState } from 'react';
import TodoList from './Todolist'; // Import TodoList component
import './index.css'; // Import CSS file

function App() {
  // Example of useState
  const [count, setCount] = useState(0);

  return (
    <div>
      <TodoList />
    </div>
  );
}

export default App;
```

Main.jsx:

```
import React from 'react';
import ReactDOM from 'react-dom/client'; // Corrected import statement
import App from './App.jsx';

ReactDOM.createRoot(document.getElementById('root1')).render(
  <React.StrictMode>
    <App />
  </React.StrictMode>
);
```

Index.css:

```
/* General styles */
body {
  font-family: sans-serif;
  margin: 0;
  padding: 0;
}

.todo-list {
  display: flex;
  flex-direction: column;
  align-items: center;
  padding: 20px;
}
```

```
/* Title */
h1 {
  margin-bottom: 20px;
}

/* Todo Form */
.todo-form form {
  display: flex;
  flex-direction: column;
  width: 100%;
  margin-bottom: 20px;
}

.todo-form label {
  margin-bottom: 5px;
  display: flex;
  align-items: center;
}

.todo-form input,
.todo-form textarea,
.todo-form select {
  padding: 10px;
  border: 1px solid #ccc;
  border-radius: 5px;
  margin-bottom: 10px;
}

.todo-form button {
  padding: 10px 20px;
  background-color: #4CAF50;
  color: white;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}

/* Todo Item */
.todo {
  display: flex;
  justify-content: space-between;
  align-items: center;
  width: 100%;
  background-color: #f2f2f2;
  margin-bottom: 10px;
  padding: 10px;
  border-radius: 5px;
}
```

```

.todo h3 {
  margin-bottom: 5px;
}

.todo p {
  margin-bottom: 0;
}

.status {
  padding: 5px 10px;
  border-radius: 5px;
  text-transform: uppercase;
  font-weight: bold;
}

.status.NotCompleted {
  background-color: #f0ad43;
  color: white;
}

.status.Completed {
  background-color: #28a745;
  color: white;
}

.todo button {
  padding: 5px 10px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}

.todo button:hover {
  background-color: #ccc;
}

```

Todolist.jsx:

```

import React, { useState } from 'react';
import TodoForm from './Todoform';
import Todo from './Todo';
import StatusFilter from './Statusfilter';

function TodoList() {
  const [todos, setTodos] = useState([

```

```

    {
      id: 1,
      name: 'Office Task-1',
      description: 'This is the description for my first task',
      status: 'Not Completed',
    },
    {
      id: 2,
      name: 'Office Task-2',
      description: 'This is the description for my second task',
      status: 'Completed',
    },
    {
      id: 3,
      name: 'Office Task-3',
      description: 'This is the description for my third task',
      status: 'Not Completed',
    },
  ],
);

const handleAddTodo = (todo) => {
  setTodos([todo, ...todos]);
};

const handleDeleteTodo = (todoId) => {
  setTodos(todos.filter((todo) => todo.id !== todoId));
};

const handleEditTodo = (todo) => {
  const newTodos = [...todos];
  const index = newTodos.findIndex((t) => t.id === todo.id);
  newTodos[index] = todo;
  setTodos(newTodos);
};

return (
  <div className="todo-list">
    <h1>My Todos</h1>
    <TodoForm onAddTodo={handleAddTodo} />
    <StatusFilter />
    {todos.map((todo) => (
      <Todo
        key={todo.id}
        todo={todo}
        onDelete={handleDeleteTodo}
        onEdit={handleEditTodo}
      />
    ))}
  )
);

```

```

    </div>
  );
}

export default TodoList;

```

Todoform.jsx:

```

import React, { useState } from 'react';

function TodoForm({ onAddTodo }) {
  const [name, setName] = useState("");
  const [description, setDescription] = useState("");
  const [status, setStatus] = useState('Not Completed');

  const handleSubmit = (e) => {
    e.preventDefault();
    onAddTodo({ id: Math.random(), name, description, status });
    setName("");
    setDescription("");
  };

  return (
    <form onSubmit={handleSubmit}>
      <label>
        Todo Name:
        <input type="text" value={name} onChange={(e) => setName(e.target.value)} />
      </label>
      <label>
        Description:
        <textarea value={description} onChange={(e) => setDescription(e.target.value)} />
      </label>
      <label>
        Status:
        <select value={status} onChange={(e) => setStatus(e.target.value)}>
          <option value="Not Completed">Not Completed</option>
          <option value="Completed">Completed</option>
        </select>
      </label>
      <button type="submit">Add Todo</button>
    </form>
  );
}

export default TodoForm;

```

Todo.jsx:

```
function Todo({ todo, onDelete, onEdit }) {  
  return (  
    <div className="todo">  
      <h3>{todo.name}</h3>  
      <p>{todo.description}</p>  
      <span className={`status ${todo.status}`}>{todo.status}</span>  
      <button onClick={() => onDelete(todo.id)}>Delete</button>  
      <button onClick={() => onEdit(todo)}>Edit</button>  
    </div>  
  );  
}  
  
export default Todo;
```

Statusfilter.jsx:

```
function StatusFilter() {  
  return (  
    <div className="status-filter">  
      <span>Status Filter:</span>  
      <select>  
        <option value="All">All</option>  
        <option value="Not Completed">Not Completed</option>  
        <option value="Completed">Completed</option>  
      </select>  
    </div>  
  );  
}  
  
export default StatusFilter;
```

RESULT:

My Todos

Todo Name:

Description:

Status:

Completed

Status Filter:

All

Office Task4	This is the new task	COMPLETED
Office Task-1	This is the description for my first task	NOT COMPLETED
Office Task-2	This is the description for my second task	COMPLETED
Office Task-3	This is the description for my third task	NOT COMPLETED