

```
const express = require('express');
const bodyParser = require('body-parser');
const app = express();
const port = 3000;

app.use(bodyParser.urlencoded({ extended:
true }));
app.use(express.static('public')); // Serve static
files (HTML, CSS, JS)

let tasks = [];
let completedTasks = [];

app.get('/', (req, res) => {
  res.sendFile(__dirname + '/public/index.html');
});

app.post('/addTask', (req, res) => {
  const newTask = req.body.task;
  if (newTask) { // Check if the task is not empty
    tasks.push(newTask);
  }
}
```

```
res.redirect('/');
});

app.post('/completeTask', (req, res) => {
  const completedTaskIndex =
req.body.completedTaskIndex;
  if(completedTaskIndex>=0 &&
completedTaskIndex<tasks.length){
    const completedTask =
tasks.splice(completedTaskIndex, 1)[0];
    completedTasks.push(completedTask);
  }
  res.redirect('/');
});

app.listen(port, () => {
  console.log(`Server listening at
http://localhost:${port}`);
});

<!DOCTYPE html>
<html>
<head>
  <title>Simple ToDo List App</title>
```

```
<style>
  body { font-family: sans-serif; }
  ul { list-style-type: none; padding: 0; }
  li { margin-bottom: 5px; }
  .completed { text-decoration: line-through; }
</style>
</head>
<body>
  <h1>A Simple ToDo List App</h1>

  <form action="/addTask" method="POST">
    <input type="text" name="task"
placeholder="add new task">
    <button type="submit">Add Task</button>
  </form>

  <h2>Added Task</h2>
  <ul>
    <% for (let i = 0; i < tasks.length; i++) { %>
      <li>
        <form action="/completeTask"
method="POST" style="display:inline;">
          <input type="hidden"
```

```
name="completedTaskIndex" value="<%= i %>">
    <button type="submit">Complete</
button>

    </form>
    <%= tasks[i] %>
</li>
<% } %>
</ul>

<h2>Completed task</h2>
<ul>
    <% for (let i = 0; i < completedTasks.length;
i++) { %>
        <li class="completed"><%=
completedTasks[i] %></li>
    <% } %>
</ul>

</body>
</html>
```

A Simple ToDo List App

Add Task

Added Task

```
<% for (let i = 0; i < tasks.length; i++) { %>
  Complete <%= tasks[i] %>
<% } %>
```

Completed task

```
<% for (let i = 0; i < completedTasks.length; i++) {
%>
<%= completedTasks[i] %>
<% } %>
```