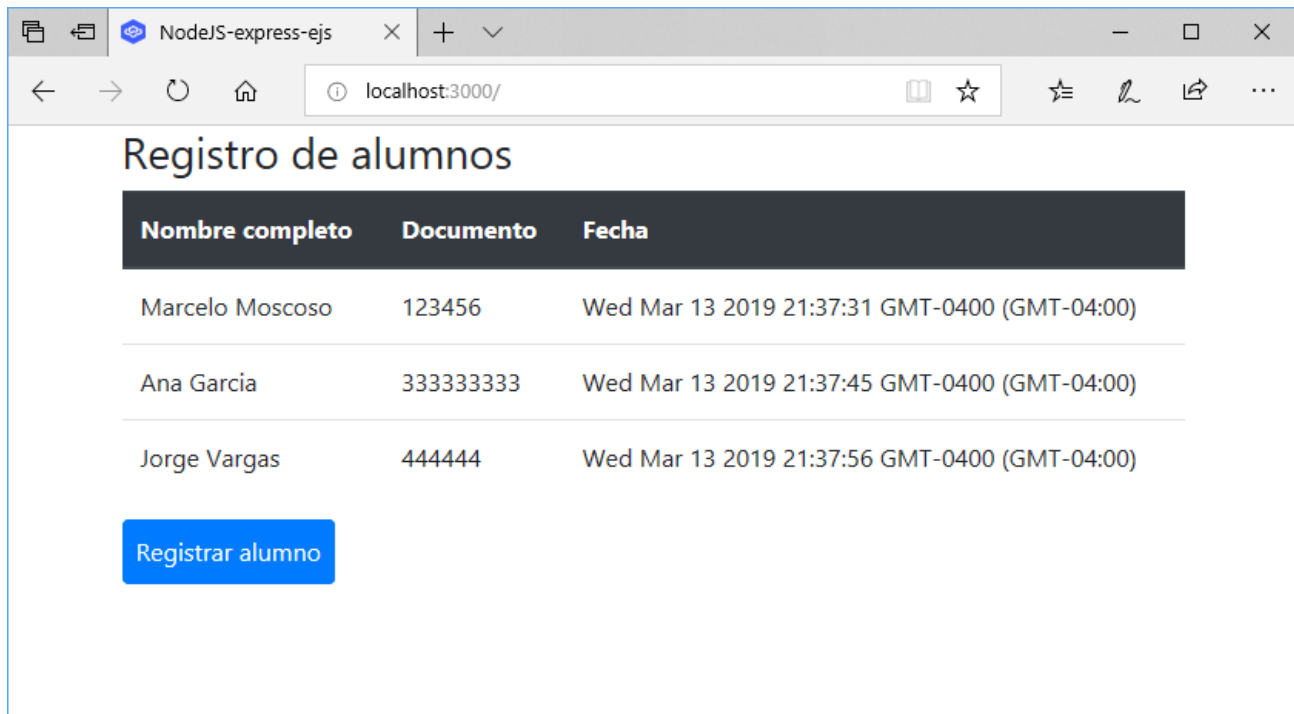


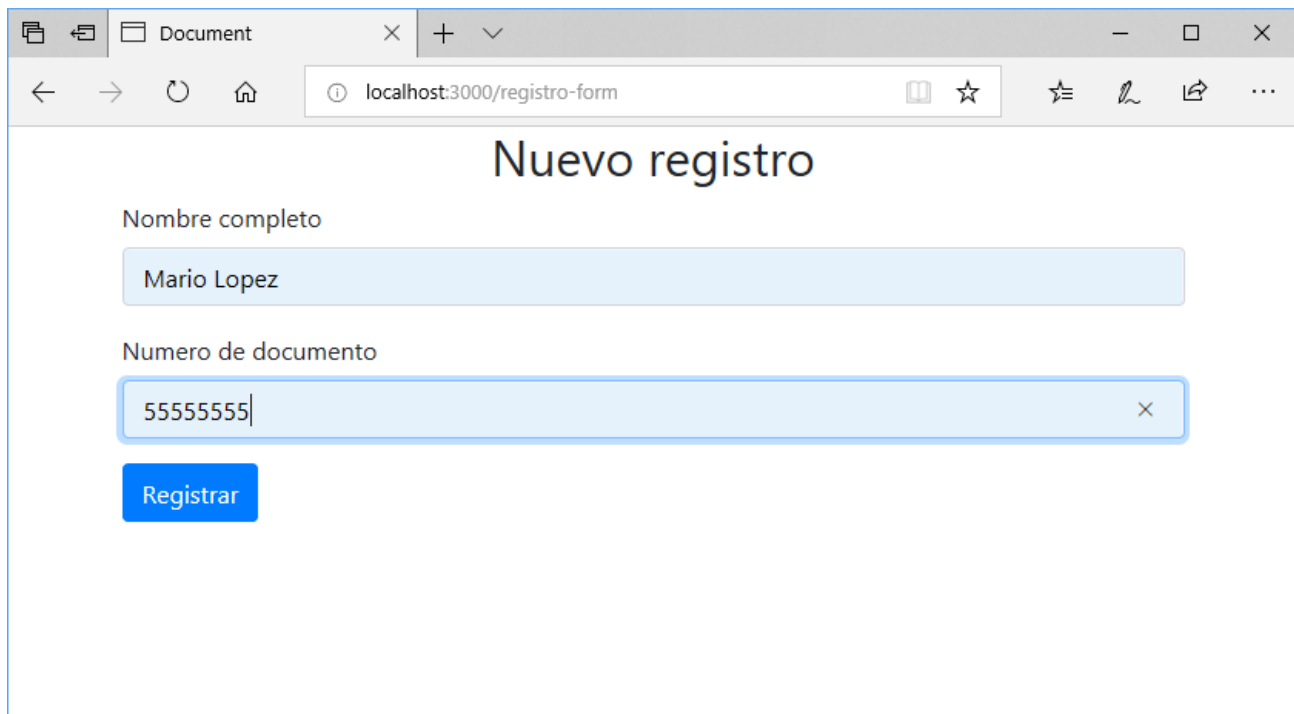
/npm install express ejs



The screenshot shows a web browser window with the title 'NodeJS-express-ejs'. The address bar shows 'localhost:3000/'. The page content is titled 'Registro de alumnos'. It features a table with three columns: 'Nombre completo', 'Documento', and 'Fecha'. The table contains three rows of student data. Below the table is a blue button labeled 'Registrar alumno'.

Nombre completo	Documento	Fecha
Marcelo Moscoso	123456	Wed Mar 13 2019 21:37:31 GMT-0400 (GMT-04:00)
Ana Garcia	333333333	Wed Mar 13 2019 21:37:45 GMT-0400 (GMT-04:00)
Jorge Vargas	444444	Wed Mar 13 2019 21:37:56 GMT-0400 (GMT-04:00)

[Registrar alumno](#)



The screenshot shows a web browser window with the title 'Document'. The address bar shows 'localhost:3000/registro-form'. The page content is titled 'Nuevo registro'. It features two input fields: 'Nombre completo' with the value 'Mario Lopez' and 'Numero de documento' with the value '55555555'. Below the input fields is a blue button labeled 'Registrar'.

Nombre completo

Mario Lopez

Numero de documento

55555555

[Registrar](#)

```
C:\WINDOWS\system32\cmd.exe

D:\marcelomos\laboratorios>mkdir registro-express-ejs-nodejs

D:\marcelomos\laboratorios>cd registro-express-ejs-nodejs

D:\marcelomos\laboratorios\registro-express-ejs-nodejs>npm init --yes
Wrote to D:\marcelomos\laboratorios\registro-express-ejs-nodejs\package.json:

{
  "name": "registro-express-ejs-nodejs",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}

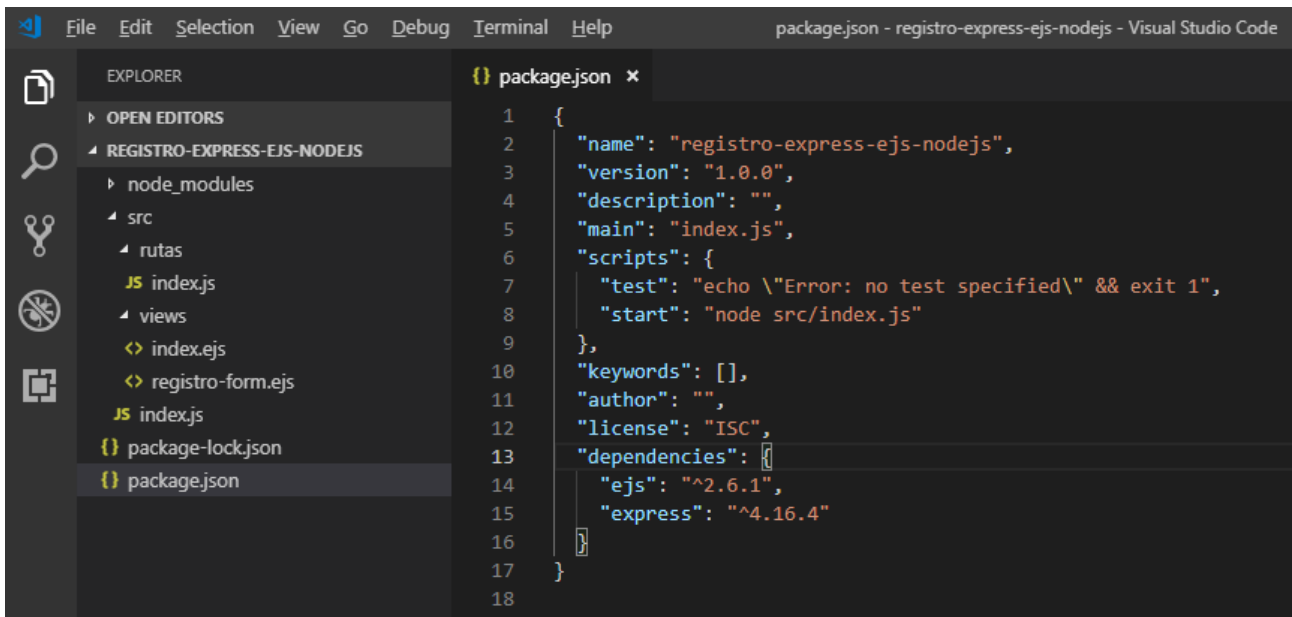
D:\marcelomos\laboratorios\registro-express-ejs-nodejs>_
```

```
C:\WINDOWS\system32\cmd.exe

D:\marcelomos\laboratorios\registro-express-ejs-nodejs>npm install express ejs
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN registro-express-ejs-nodejs@1.0.0 No description
npm WARN registro-express-ejs-nodejs@1.0.0 No repository field.

+ ejs@2.6.1
+ express@4.16.4
added 49 packages from 38 contributors and audited 122 packages in 14.036s
found 0 vulnerabilities

D:\marcelomos\laboratorios\registro-express-ejs-nodejs>
```



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left and the package.json file open in the editor. The Explorer sidebar shows the project structure: 'OPEN EDITORS', 'REGISTRO-EXPRESS-EJS-NODEJS', 'node_modules', 'src', 'rutas', 'index.js', 'views', 'index.ejs', 'registro-form.ejs', 'index.js', 'package-lock.json', and 'package.json'. The package.json file in the editor contains the following JSON:

```
1 {
2   "name": "registro-express-ejs-nodejs",
3   "version": "1.0.0",
4   "description": "",
5   "main": "index.js",
6   "scripts": {
7     "test": "echo \\\"Error: no test specified\\\" && exit 1",
8     "start": "node src/index.js"
9   },
10  "keywords": [],
11  "author": "",
12  "license": "ISC",
13  "dependencies": {
14    "ejs": "^2.6.1",
15    "express": "^4.16.4"
16  }
17 }
```

/src/index.js

```
const express = require('express');
const path = require('path');

// initializations
const app = express();

// settings
app.set('port', process.env.PORT || 3000);
app.set('views', path.join(__dirname, 'views'));
app.set('view engine', 'ejs');

// middlewares
app.use(express.urlencoded({extended: false}));
app.use(express.json());

// routes
app.use(require('./rutas/index'));

// Start the server
app.listen(app.get('port'), () => {
  console.log("Server escuchando ", app.get('port'))
})
```

/src/rutas/index.js

```
const { Router } = require('express');
const router = new Router();

let alumnos = [];

router.get("/", (req, res) => {
  res.render("index", { alumnos });
});

router.get('/registro-form', (req, res) => {
  res.render('registro-form');
});

router.post('/registro-form', (req, res) => {
  let { nombre, documento } = req.body;
  let nuevoRegistro = { nombre, documento, fecha: new Date() };
  alumnos.push(nuevoRegistro);
  res.redirect("/");
});

module.exports = router;
```

/src/views/index.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link rel="stylesheet" href="https://stackpath.bootstra-
pcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
    integrity="sha384-
gg0yR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
    crossorigin="anonymous">
  <title>NodeJS-express-ejs</title>
</head>
<body>
  <div class="container">
    <h3>Registro de alumnos</h3>
    <%if (alumnos.length) {%>
    <table class="table mt-2">
      <thead class="thead-dark">
        <tr>
          <th>Nombre completo</th><th>Documento</th>
          <th>Fecha</th>
        </tr>
      </thead>
      <% alumnos.forEach((alumno)=>{ %>
      <tr>
        <td><%= alumno.nombre %></td><td><%= alumno.documento %></td>
        <td><%= alumno.fecha %></td>
      </tr>
      <%})%>
    </table>
    <%} else {%>
    <p>Sin registros</p>
    <%}%>
    <a class="btn btn-primary p-2" href="/registro-form">Registrar alumno</a>
  </div>
</body>
</html>

```

/src/views/registro-form.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link rel="stylesheet" href="https://stackpath.bootstra-
pcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
    integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
  <title>Document</title>
</head>
<body>
  <div class="container">
    <div class="col-xs-8 col-xs-offset-2">
      <h2 class="text-center">Nuevo registro</h2>
      <form method="post" role="form">
        <div class="form-group">
          <label for="nombre">Nombre completo</label>
          <input name="nombre" type="text" class="form-control"
            placeholder="Nombre completo">
        </div>
        <div class="form-group">
          <label for="documento">Numero de documento</label>
          <input name="documento" type="text" class="form-control"
            placeholder="Numero de documento" >
        </div>
        <div class="form-group">
          <button class="btn btn-primary">Registrar</button>
        </div>
      </form>
    </div>
  </div>
</body>
</html>
```



/npm start