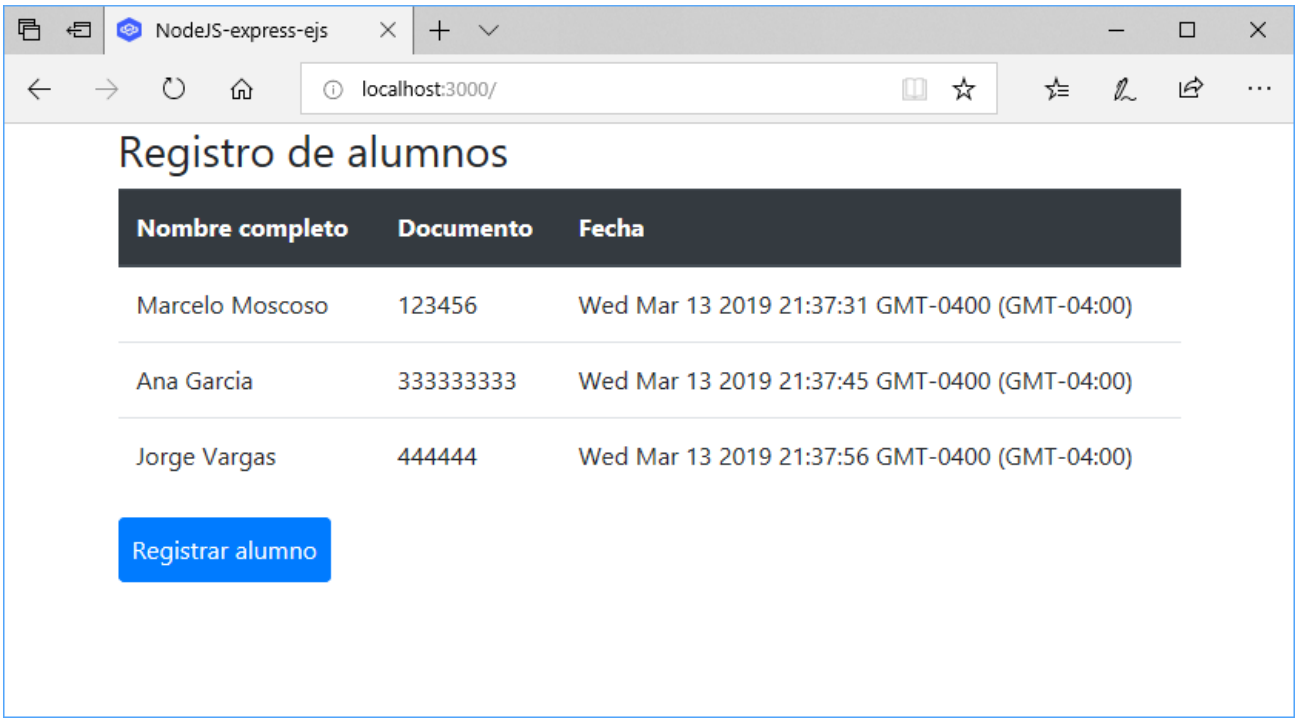
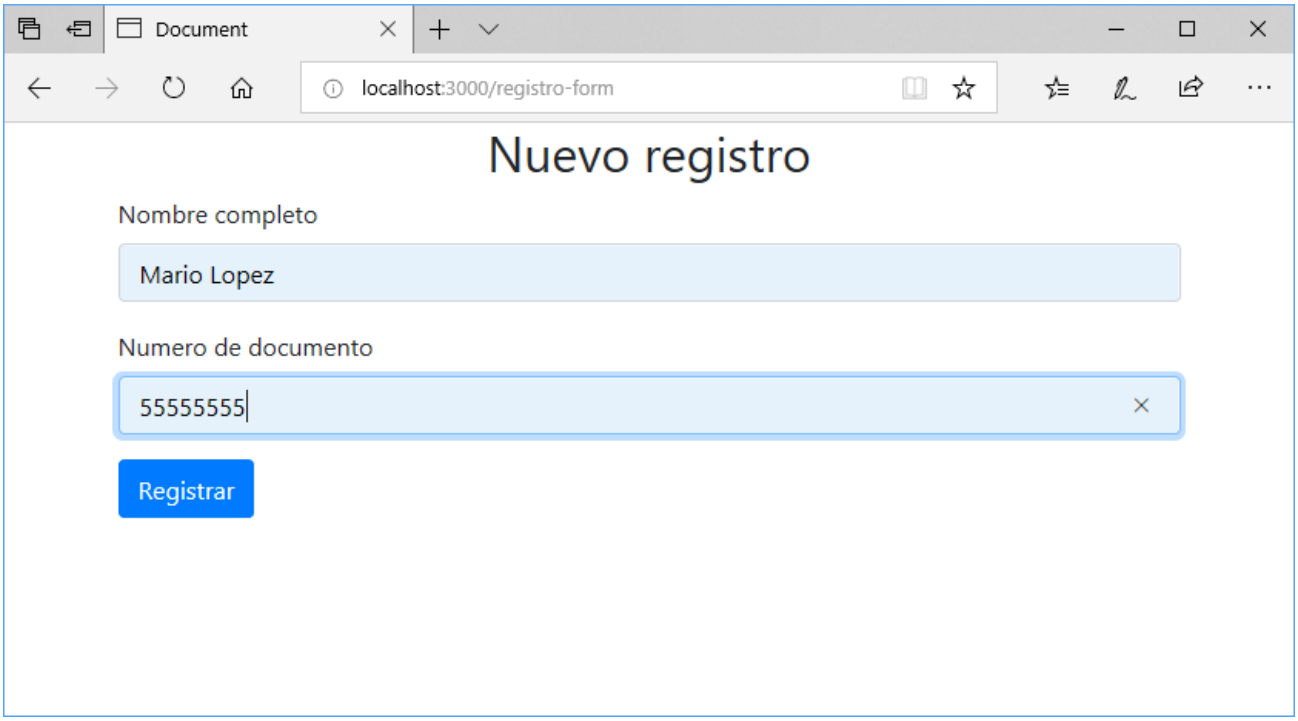
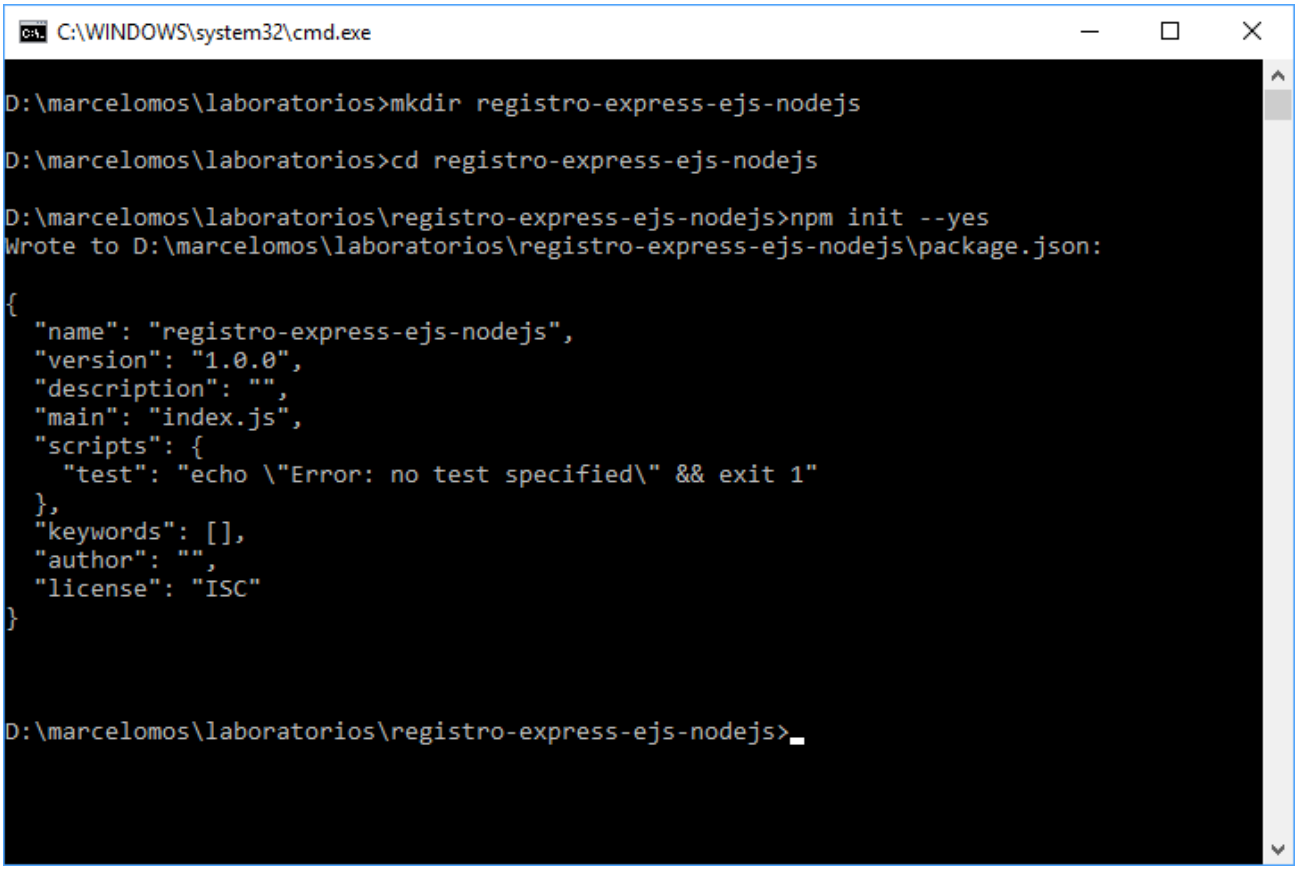
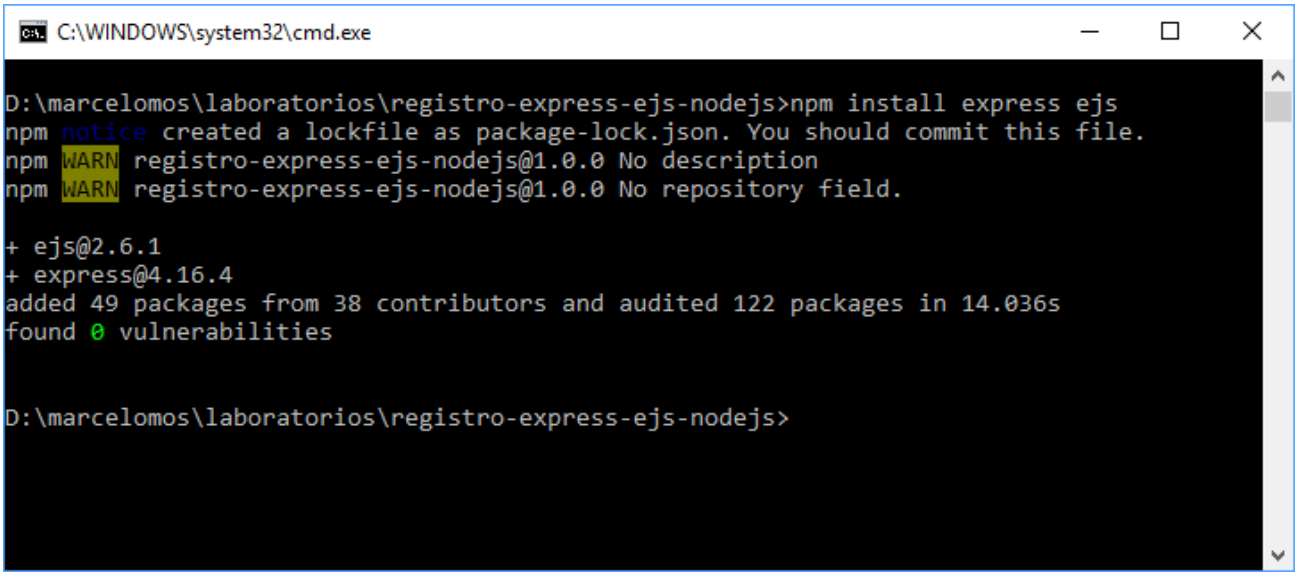
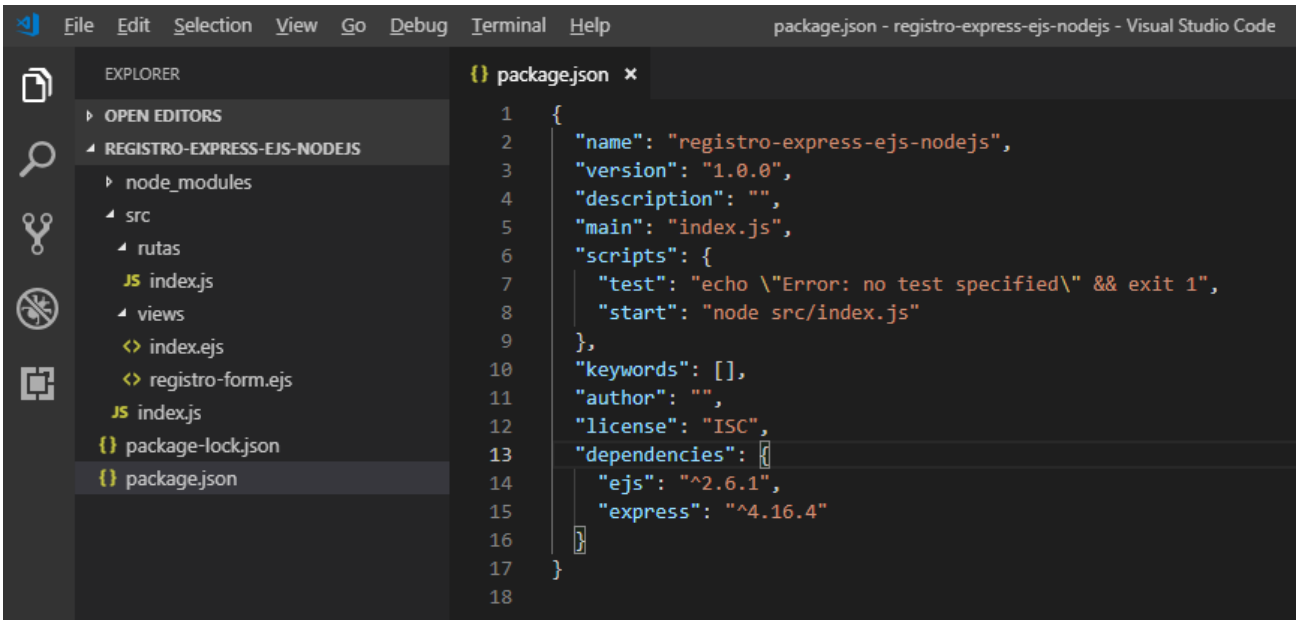
/npm install express ejs






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>



/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-
ggOyR0iXCbMQv3Xipma34MD+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" crossori-
gin="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