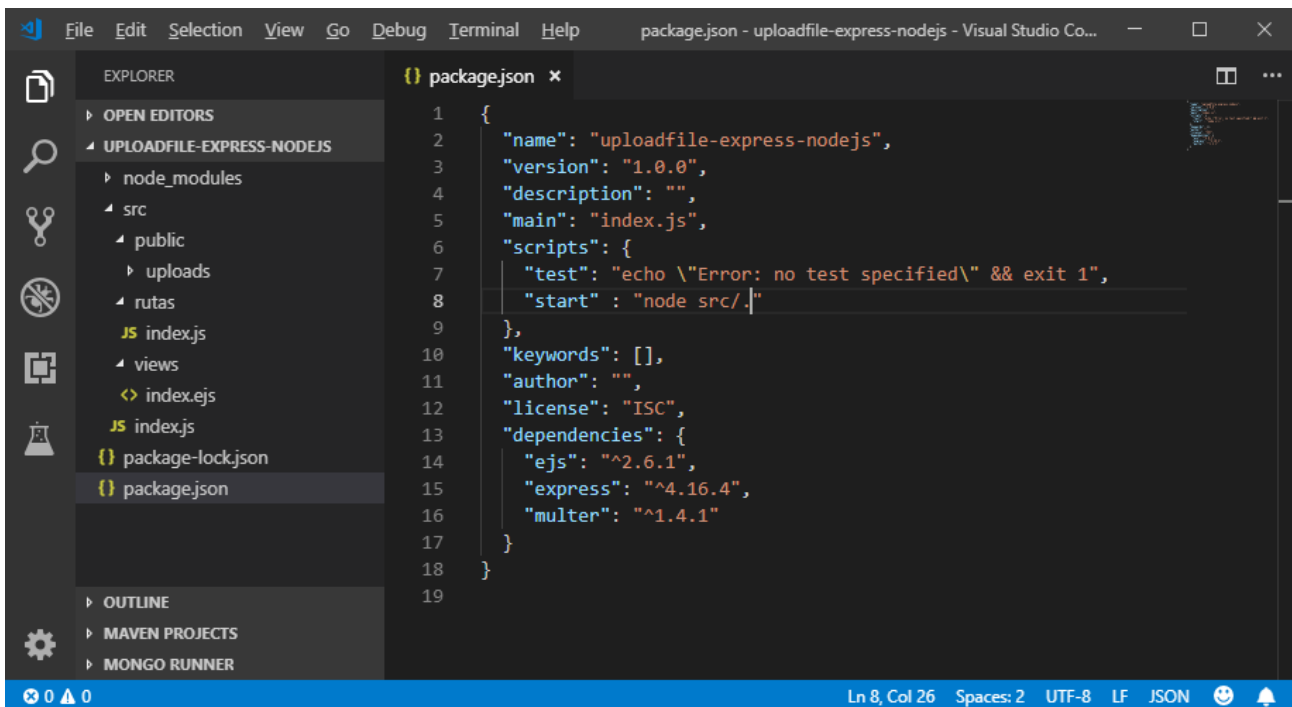


```
C:\WINDOWS\system32\cmd.exe
D:\marcelomos\laboratorios>
D:\marcelomos\laboratorios>mkdir uploadfile-express-nodejs
D:\marcelomos\laboratorios>cd uploadfile-express-nodejs
D:\marcelomos\laboratorios\uploadfile-express-nodejs>npm init --yes
Wrote to D:\marcelomos\laboratorios\uploadfile-express-nodejs\package.json:
{
  "name": "uploadfile-express-nodejs",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```

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

D:\marcelomos\laboratorios\uploadfile-express-nodejs>npm i express ejs multer
npm WARN uploadfile-express-nodejs@1.0.0 No description
npm WARN uploadfile-express-nodejs@1.0.0 No repository field.

+ multer@1.4.1
+ express@4.16.4
+ ejs@2.6.1
updated 3 packages and audited 162 packages in 9.467s
found 0 vulnerabilities
```



The image shows the Visual Studio Code editor with the `package.json` file open. The Explorer sidebar on the left shows the project structure, including `node_modules`, `src`, `public`, `uploads`, `rutas`, `index.js`, `views`, `index.ejs`, `package-lock.json`, and `package.json`. The main editor area displays the content of `package.json` with line numbers 1 through 19.

```
1 {
2   "name": "uploadfile-express-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/."
9   },
10  "keywords": [],
11  "author": "",
12  "license": "ISC",
13  "dependencies": {
14    "ejs": "^2.6.1",
15    "express": "^4.16.4",
16    "multer": "^1.4.1"
17  }
18 }
19
```

The status bar at the bottom indicates the current position is Line 8, Column 26, with 2 spaces, UTF-8 encoding, LF line endings, and JSON format.



/src/index.js

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

// Routes
app.use(require('./rutas/'));

// Static files
app.use(express.static(path.join(__dirname, 'public')));

// Start the server
app.listen(app.get('port'), () => {
  console.log(`Server escuchando en el puerto : ${app.get('port')}`);
});
```

/src/rutas/index.js

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

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

router.get('/images/upload', (req, res) => {
  res.render('index');
});

const storage = multer.diskStorage({
  destination: path.join(__dirname, '../public/uploads'),
  filename: (req, file, cb) => {
    cb(null, file.originalname);
  }
})

const uploadImage = multer({
  storage,
  limits: { fileSize: 1000000 }
}).single('archivo');

router.post('/images/upload', (req, res) => {
  uploadImage(req, res, (err) => {
    if (err) {
      err.message = 'The file is so heavy for my service';
      return res.send(err);
    }
    console.log(req.file);
    res.render('index');
  });
});

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.bootstrapcdn.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="row mt-4">
      <div class="col-6">
        <div class="card">
          <div class="card-header">
            Subir archivo
          </div>
          <div class="card-body">
            <form action="/images/upload" method="POST" enctype="multipart/form-data">
              <div class="form-group">
                <input class="form-control" type="file" name="archivo">
              </div>
              <div class="form-group">
                <button class="btn btn-primary btn-block" type="submit">Subir</button>
              </div>
            </form>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```