

Subject code & Name	:	CSE304 & Full Stack Development	Practical	:	14	Academic Year	:	2024-25
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## **Task - 14**

### **Aim**

Create File Upload Program in Express JS. Allowed Only 2MB Size File.

### **Code**

#### **app.js**

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

app.set('view engine', 'ejs');

app.use(bodyParser.urlencoded({ extended: false }));

const storage = multer.diskStorage({
  destination: (req, file, cb) => {
    cb(null, 'uploads/');
  },
  filename: (req, file, cb) => {
    cb(null, Date.now() + path.extname(file.originalname));
  },
});

const upload = multer({
  storage: storage,
  limits: { fileSize: 2 * 1024 * 1024 },
}).single('file');

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

app.post('/upload', (req, res) => {
  upload(req, res, (err) => {
    if (err) {
      if (err.code === 'LIMIT_FILE_SIZE') {
        return res.render('upload-result', {
          error: 'File size exceeds 2MB limit.',
          filename: null,
```

```
    });  
  }  
  return res.render('upload-result', {  
    error: 'An error occurred during file upload.',  
    filename: null,  
  });  
}  
res.render('upload-result', {  
  error: null,  
  filename: req.file.filename,  
});  
});  
});  
const PORT = 3000;  
app.listen(PORT, () => {  
  console.log(`Server running on port ${PORT}`);  
});
```

### Upload.ejs

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>File Upload</title>  
</head>  
<body>  
  <h1>Upload a File (Max 2MB)</h1>  
  <form action="/upload" method="POST" enctype="multipart/form-data">  
    <input type="file" name="file" required><br><br>  
    <button type="submit">Upload</button>  
  </form>  
  
</body>  
</html>
```

### Upload-result.ejs

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>Upload Result</title>  
</head>
```

```
<body>
  <h1>Upload Result</h1>

  <% if (error) { %>
    <p><strong>Error: <%= error %></strong></p>
  <% } else { %>
    <p>File uploaded successfully: <strong><%= filename %></strong></p>
  <% } %>

</body>
</html>
```

### Output

## Upload a File (Max 2MB)

Choose File Applcons.zip

Upload

### 14.1 file uploader

# Upload Result

File Uploaded Sucessfully

14.2 Ans page

Signature :