

Subject code & Name	:	CSE304 & Full Stack Development	Practical	:	11	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 fileUpload = require('express-fileupload');
const path = require('path');
const app = express();
const port = 3000;

app.use(fileUpload({
  limits: { fileSize: 2 * 1024 * 1024 },
}));

app.use(express.static(path.join(__dirname, 'views')));

app.get('/', (req, res) => {
  res.sendFile(path.join(__dirname, 'views', 'index.html'));
});

app.post('/upload', (req, res) => {
  if (!req.files || Object.keys(req.files).length === 0)
    return res.status(400).send('No files were uploaded.');
```



```
const file = req.files.file;

if (file.size > 2 * 1024 * 1024)
  return res.status(400).send('File size exceeds 2MB limit.');
```



```
const allowedTypes = /jpeg|jpg|png|gif|pdf/;
const extname = allowedTypes.test(path.extname(file.name).toLowerCase());
const mimetype = allowedTypes.test(file.mimetype);
if (!mimetype || !extname)
  return res.status(400).send('Error: Images and PDFs only.');
```

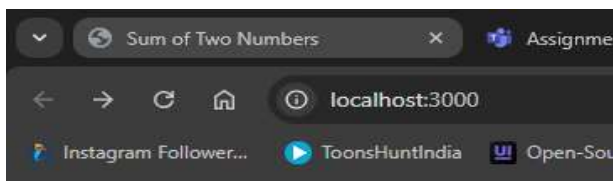


```
file.mv(path.join(__dirname, 'uploads', file.name), err => {
  if (err)
    return res.status(500).send(err);
```

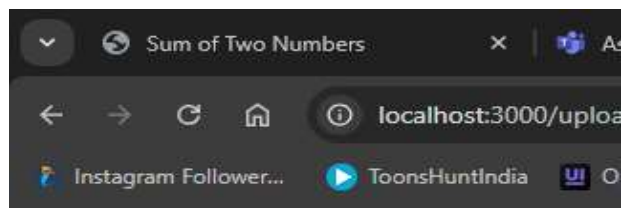
```
res.send(  
  <p>File uploaded successfully.</p>  
  <p>Filename: ${file.name}</p>  
  <a href="/">Back</a>  
  `);  
});  
});  
app.listen(port, () => {  
  console.log(` Server is running on http://localhost:${port} `);  
});
```

Index.html

```
<!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</h1>  
  <form action="/upload" method="post" enctype="multipart/form-data">  
    <label for="file">Choose file:</label>  
    <input type="file" id="file" name="file"><br><br>  
    <button type="submit">Upload</button>  
  </form>  
</body>  
</html>
```

Output**Upload a File**

Choose file: Screenshot ...8 114108.png



File uploaded successfully.

Filename: Screenshot 2024-06-18 114108.png

[Back](#)

Signature :