

Web Programming Quiz 4

Name: _____

Roll#: _____

Total Marks = 10

Question 01

10

You are building a Node.js application that handles file uploads with the Formidable module and tracks the progress of file uploads using the Events module. Fill in the missing code to handle an event that reports the progress of the file upload and securely stores uploaded files in a directory named "secured uploads".

```
const EventEmitter = new events.EventEmitter();

eventEmitter.on('fileUploadProgress', (bytesReceived, bytesExpected) => {

    // Calculate and log the percentage of upload completed
    // Your code here


});

app.post('/upload', (req, res) => {    const form = new
formidable.IncomingForm();    form.uploadDir =
path.join(__dirname, 'secured_uploads');
form.keepExtensions = true;
fs.mkdirSync(form.uploadDir, { recursive: true });

form.on('progress', (bytesReceived, bytesExpected) => {
eventEmitter.emit('fileUploadProgress', bytesReceived, bytesExpected);
});
form.parse(req, (err, fields, files) => { if (err)
{    console.error('Error parsing the files');
    return res.status(500).send('Server Error');
}
    // Secure the uploaded file by renaming it with a unique identifier
    // Your code here


});

form.on('file', (name, file) => {
    // Log the file upload details
    // Your code here


});    res.end('File uploaded and
secured!');
});
```