

Class Assignment on File Organization

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Folder structure after executing code:



Code:

```
JS demo.js > ...
253 // assignment
254
255 const fs = require('fs').promises;
256 const path = require('path');
257
258 const targetDir = path.join(__dirname, 'assignment');
259
260 async function organizeAssignmentFiles() {
261     console.log(`Starting file organization in: ${targetDir}`);
262
263     try {
264         const items = await fs.readdir(targetDir);
265
266         for (const item of items) {
267             const fullPath = path.join(targetDir, item);
268             let stats;
269
270             try {
271                 stats = await fs.stat(fullPath);
272             } catch (statErr) {
273                 continue;
274             }
275
276             if (stats.isDirectory()) {
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                }
                console.log(`\nFile organization complete!`);
            } catch (err) {
                console.error(`\nAn error occurred during file organization:`, err);
            }
        }
        organizeAssignmentFiles();
    }
}

OUTPUT  DEBUG CONSOLE  PORTS
✓ TERMINAL
● PS C:\Users\gaura\OneDrive\Desktop\FINACLE TRAINING\Node.js and V8JS\Day 17 19-11-2025> node demo
Starting file organization in: C:\Users\gaura\OneDrive\Desktop\FINACLE TRAINING\Node.js and V8JS\Day 17 19-11-2025\assignment
File organization complete!
```