

create scripts folder root script/file.js (any name)

```
const fs = require("fs");
const path = require("path");

// Sort imports inside a file without shifting other lines
function sortImportsInFile(filePath) {
  let code = fs.readFileSync(filePath, "utf8");
  const lines = code.split("\n");

  // Find "use client";
  const useClientIndex = lines.findIndex(line => line.trim() === "use client");
  const importIndices = [];

  lines.forEach((line, idx) => {
    if (/^import .+;$/ .test(line.trim())) {
      importIndices.push(idx);
    }
  });

  // Extract import lines
  const importLines = importIndices.map(i => lines[i]);

  // Sort named imports inside curly braces
  const processedLines = importLines.map(line => {
    const match = line.match(/^import\s+([\^\s]+)?\s*(,\s*)?\{([^\}]+\)\}$/);
    if (match) {
      const defaultImport = match[1] ? match[1].trim() : null;
      const namedImports = match[3]
        .split(",")
        .map(i => i.trim())
        .sort((a, b) => a.localeCompare(b))
        .join(", ");

      if (defaultImport) {
        return line.replace(/\{[^\}]+\}/, `{ ${namedImports} }`);
      } else {
        return `import { ${namedImports} } from ${line.split("from")
[1].trim()}`;
      }
    }
    return line;
  });

  // Sort import lines by length
  processedLines.sort((a, b) => a.length - b.length);

  // Replace imports in original positions
  importIndices.forEach((idx, i) => {
    lines[idx] = processedLines[i];
  });

  // Move "use client"; to top if it exists
  if (useClientIndex !== -1 && useClientIndex !== 0) {
    const [useClientLine] = lines.splice(useClientIndex, 1);
    lines.unshift(useClientLine);
  }

  fs.writeFileSync(filePath, lines.join("\n"), "utf8");
}
```

```
// Recursively scan folder
function scanDir(dir) {
  fs.readdirSync(dir).forEach(file => {
    const fullPath = path.join(dir, file);
    if (fs.statSync(fullPath).isDirectory()) {
      scanDir(fullPath);
    } else if (fullPath.match(/\.(js|ts|jsx|tsx)$/)) {
      sortImportsInFile(fullPath);
    }
  });
}

// Run on src folder
scanDir("./src");

console.log("✅ Imports sorted, line numbers preserved, 'use client' on top!");
```