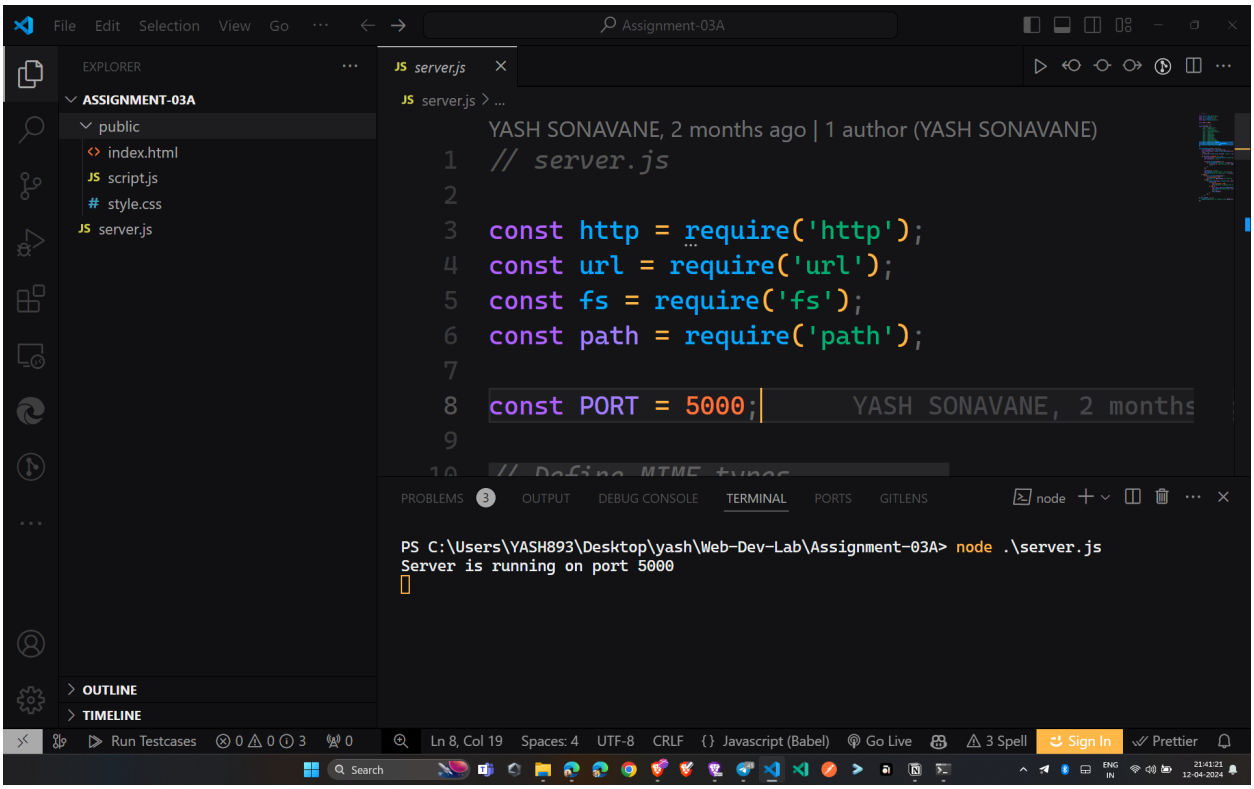
Assignment no :- 3A

```
// server.js

const http = require('http');
const url = require('url');
const fs = require('fs');
const path = require('path');

const PORT = 5000;

// Define MIME types
const mimeType = {
    '.ico': 'image/x-icon',
    '.html': 'text/html',
    '.js': 'text/javascript',
    '.json': 'application/json',
    '.css': 'text/css',
    '.png': 'image/png',
    '.jpg': 'image/jpeg',
    '.wav': 'audio/wav',
    '.mp3': 'audio/mpeg',
    '.svg': 'image/svg+xml',
    '.pdf': 'application/pdf',
    '.doc': 'application/msword',
    '.eot': 'application/vnd.ms-fontobject',
    '.ttf': 'application/font-sfnt'
};

http.createServer((req, res) => {
    const parsedUrl = url.parse(req.url);
    const sanitizePath = path.normalize(parsedUrl.pathname).rep
```

```
    let pathname = path.join(__dirname, 'public', sanitizePath)

    if (parsedUrl.pathname === "/") {
        const filesList = fs.readdirSync("./public");
        let filesLink = "<ul>";

        filesList.forEach(element => {
            if (fs.statSync("./public/" + element).isFile()) {
                filesLink += `<br/><li><a href='./${element}'>$
            }
        });

        filesLink += "</ul>";
        res.setHeader('Content-type', 'text/html');
        res.end("<h1>List of files:</h1> " + filesLink);
    } else {
        if (!fs.existsSync(pathname)) {
            res.statusCode = 404;
            res.end(`File ${pathname} not found!`);
        } else {
            fs.readFile(pathname, function (err, data) {
                if (err) {
                    res.statusCode = 500;
                    res.end(`Error in getting the file.`);
                } else {
                    const ext = path.parse(pathname).ext;
                    res.setHeader('Content-type', mimeType[ext]
                    res.end(data);
                }
            });
        }
    }
}).listen(PORT, () => {
    console.log(`Server is running on port ${PORT}`);
});
```


File Edit Selection View Go
Assignment-03A
EXPLORER
ASSIGNMENT-03A
public
index.html
script.js
style.css
server.js
server.js
YASH SONAVANE, 2 months ago | 1 author (YASH SONAVANE)
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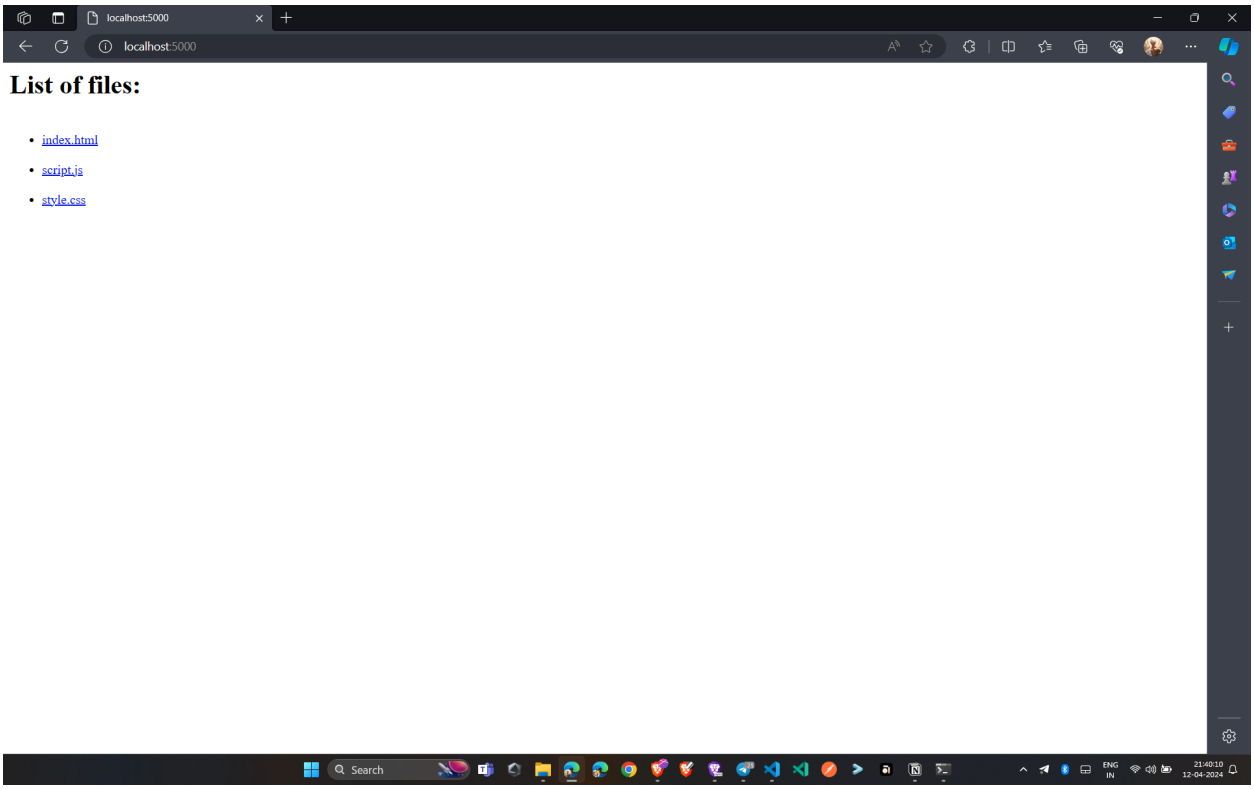
PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
node
PS C:\Users\YASH893\Desktop\yash\Web-Dev-Lab\Assignment-03A> node .\server.js
Server is running on port 5000
OUTLINE
TIMELINE
Run Testcases
Ln 8, Col 19 Spaces: 4 UTF-8 CRLF {} Javascript (Babel) Go Live 3 Spell Sign In Prettier
Search


localhost:5000
List of files:
index.html
script.js
style.css
Search