

## Assignment No: 3-A

### Code:

### Index.js:

```
const http = require('http');
const fs = require('fs');
const mime = require('mime');

const PORT = 1900;

let style = `
<style>
  h2{
    text-align:center;
    margin-top:5rem;
  }
  ul{
    list-style:none;
    width:90vw;
  }
  li a{
    text-decoration:none;
    color:blue;
    display:block;
    background:lightcoral;
    padding:1rem;
    border-radius:5px;
    margin:.5rem 0;
    font-size:1.2rem;
  }
  li a:hover {
    background:coral;
  }
</style>
`;

http.createServer((req, res) => {
  if (req.url === "/") {
    const publicDIR = "./public";
    const fileArr =
      fs.readdirSync(publicDIR)

    console.log(fileArr)

    let html = style + "<h2>Available
Files on Server</h2><ul>";
    fileArr.forEach((value) => {
      html += "<li>"
      html += `<a href="${publicDIR +
"/" + value}">${value}</a>`
      html += "</li>"
    });
    html += "</ul>"

    res.setHeader("Content-Type",
"text/html")
    res.end(html);

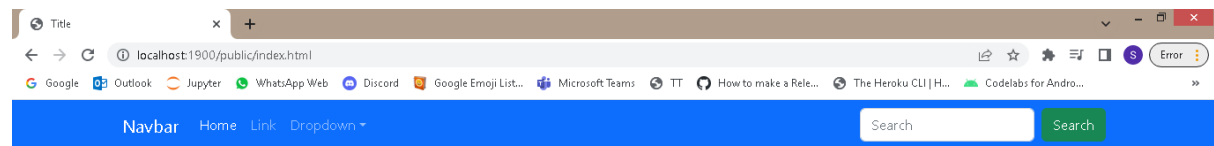
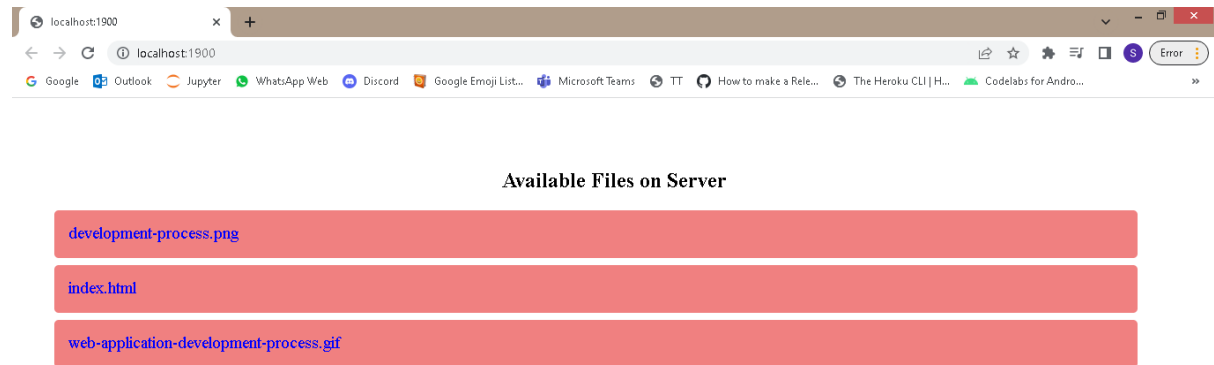
  } else {
    const filePath = "." + req.url;
    const mimeType =
mime.getType(filePath);
    console.log("request: ", filePath,
mimeType)
    if (fs.existsSync(filePath)) {
      const data =
fs.readFileSync(filePath)
      res.setHeader('Content-type',
mimeType || 'text/html');
      res.end(data)
    } else {
      res.end("Error:404")
    }
  }
}).listen(PORT, () => {
  console.log("server is running on:
http://localhost:" + PORT)
});
```

Name: Siddhesh Avinash Dhingre

Roll No: 33310

Class, Batch: TE-11 K-11

## Output:



## List Of Subject. (TE-IT-2<sup>nd</sup> sem)

### WAD

Web Application Development

### CC

Cloud Computing

### DSBDA

Data Science and Big Data Analysis

### CNS

Computer Networks and Security