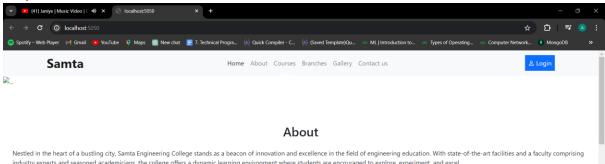Assignment 3a:

33218

Server:

```javascript
const http = require('http');

const fs = require('fs');

const path = require('path');

const PORT = 5050; // Port number to listen on

http.createServer((req, res) => {

  let filePath = path.join(__dirname, 'index.html');

  // Read the file asynchronously

  fs.readFile(filePath, (err, content) => {

    if (err) {

      if (err.code === 'ENOENT') {

        // File not found

        res.writeHead(404);

        res.end('File not found!');

      } else {

        // Other server error

        res.writeHead(500);

        res.end(`Server Error: ${err.code}`);

      }

    } else {

      // File found, serve content

      res.writeHead(200, { 'Content-Type': 'text/html' });

      res.end(content, 'utf-8');

    }

  });

}).listen(PORT, () => {

  console.log(`Server is running on http://localhost:${PORT}`);

});
```

Output :

About

Nestled in the heart of a bustling city, Samta Engineering College stands as a beacon of innovation and excellence in the field of engineering education. With state-of-the-art facilities and a faculty comprising industry experts and seasoned academicians, the college offers a dynamic learning environment where students are encouraged to explore, experiment, and excel.

From cutting-edge research labs to well-equipped workshops, Samta Engineering College provides students with hands-on experience and practical skills essential for real-world challenges. The curriculum is designed to foster creativity, critical thinking, and problem-solving abilities, preparing graduates to thrive in the ever-evolving landscape of technology and engineering.

Beyond academics, the college nurtures a vibrant community through various clubs, societies, and extracurricular activities, fostering holistic development and camaraderie among students. With a strong emphasis on entrepreneurship and innovation, Samta Engineering College cultivates a culture of ingenuity, empowering students to turn their ideas into reality and make a meaningful impact on society. Through industry partnerships and internships, students have the opportunity to gain invaluable industry exposure and build professional networks even before graduation. The college's alumni network spans the globe, with graduates making significant contributions to various industries and sectors, serving as inspiring role models for current students.

Samta Engineering College is not just an institution; it's a launchpad for future leaders, innovators, and change-makers in the field of engineering, driving progress and shaping the world for generations to come.

Courses

Do you have any questions? Please do not hesitate to contact us directly. Our team will come back to you within a matter of hours to help you.

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        }
    });
}).listen(PORT, () => {
    console.log(`Server is running on http://localhost:${PORT}`);
```

```
> server@1.0.0 start
> node index.js

Server is running on http://localhost:5050
```