Student Name:	Harish Haridas	Subject Name:	Back-End Technologies
UID:	22MCA20040	Subject Code:	22CAH-706
Section/Group:	MCA-2_A	Date of Performance:	19/08/2023
Semester:	3rd Semester		

Experiment No. 1.2

Aim of the Practical -

- **Fetch stored data from one file to another.**

Code-

- **Data.txt**

  She considered the birds to be her friends. She'd put out food for them each morning and then she'd watch as they came to the feeders to gorge themselves for the day. She wondered what they would do if something ever happened to her. Would they miss the meals she provided if she failed to put out the food one morning?
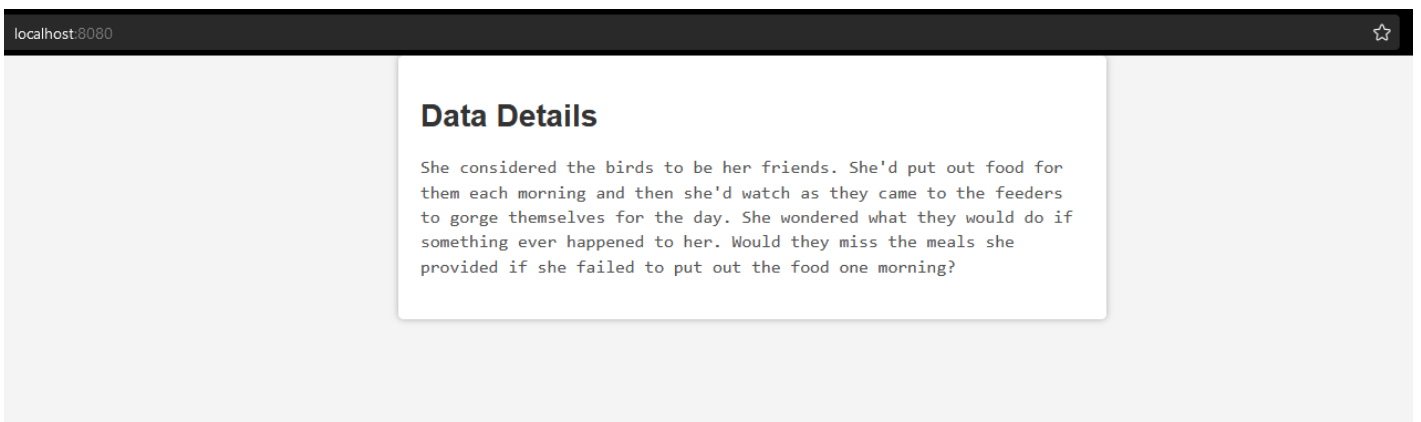
- **Practical.js**

```js
fs.readFile('data.txt', 'utf8', (err, data) => {
if (err) {
res.writeHead(500, { 'Content-Type': 'text/plain' });
res.end('Internal Server Error');
} else {
// Display data on the webpage
res.writeHead(200, { 'Content-Type': 'text/html' });
res.end(`
<html>
<head>
<title>Display Data</title>
<style>
        body {
        font-family: Arial, sans-serif;
        background-color: #f4f4f4;
        margin: 0;
        padding: 0;
        }
        .container {
        max-width: 600px;
        margin: 0 auto;
        padding: 20px;
        background-color: #fff;
        border-radius: 5px;
        box-shadow: 0px 0px 5px rgba(0, 0, 0, 0.3);
        }
```

```
            h1 {
            color: #333;
            }
            pre {
            white-space: pre-wrap;
            font-size: 16px;
            line-height: 1.4;
            color: #555;
            }
        </style>
        </head>
        <body>
        <div class="container">
                <h1>Data Details</h1>
                <pre>${data}</pre>
        </div>
        </body>
        </html>
        `);
        }
        });
    } else {
        res.writeHead(404, { 'Content-Type': 'text/plain' });
        res.end('Page not found');
    }
});

const port = 8080;
server.listen(port, () => {
  console.log(`Server is listening on port ${port}`);
});
```

Output

Learning Outcomes for Linear Regression:

- Able to learn the concepts of Node.js.

- Able to learn different concepts of server side development.