Subject: Advanced Web Technology	**Aim:** Create a Node application to display the dashboard and about us page based on URL using node core modules.
Task-2	**Date:- 23-03-2025**	**Enrollment No:- 92200133003**

Code:-

dashboard.html:
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Dashboard</title>
    <link rel="stylesheet" href="/styles.css">
</head>
<body>
    <div class="container">
        <h1>  Welcome to Your Dashboard</h1>
        <p>Empowering you to manage tasks, track progress, and explore insights like never
before.</p>

        <div class="card">
            <h2>  Key Features</h2>
            <ul>
                <li>  Performance Tracking</li>
                <li>✅ Task Management</li>
                <li>Q Real-time Analytics</li>
            </ul>
        </div>

        <a href="/about" class="btn">Learn More About Us</a>
    </div>
</body>
</html>
```

about.html:
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About Us</title>
    <link rel="stylesheet" href="/styles.css">
</head>
<body>
    <div class="container">
```

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```html
        <h1>  About Us</h1>
        <p>We are a passionate team dedicated to providing innovative solutions and
empowering users with intuitive dashboards and analytics.</p>

        <div class="team-card">
            <h2>🕴️☎ Our Team</h2>
            <p>Creative developers, passionate designers, and data analysts work together to
deliver the best experience.</p>
        </div>

        <a href="/" class="btn">Back to Dashboard</a>
    </div>
</body>
</html>
```

styles.css:

```css
body {
    font-family: 'Poppins', sans-serif;
    display: flex;
    height: 100vh;
    justify-content: center;
    align-items: center;
    background: linear-gradient(135deg, #1f4037 0%, #99f2c8 100%);
    color: #fff;
    margin: 0;
}

.container {
    text-align: center;
    background: rgba(0, 0, 0, 0.6);
    padding: 40px;
    border-radius: 25px;
    box-shadow: 0 8px 32px rgba(0, 0, 0, 0.6);
    width: 90%;
    max-width: 450px;
    animation: fadeIn 1.2s ease-in-out;
}

h1 {
    font-size: 2.8rem;
    margin-bottom: 10px;
```

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```css
}

p {
    font-size: 1.2rem;
    margin-bottom: 20px;
    opacity: 0.9;
}

.card, .team-card {
    background: rgba(255, 255, 255, 0.1);
    padding: 20px;
    border-radius: 15px;
    margin-bottom: 20px;
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.3);
}

ul {
    list-style: none;
    padding: 0;
}

li {
    text-align: left;
    margin: 5px 0;
    padding-left: 20px;
    position: relative;
}

li::before {
    content: '✓□';
    position: absolute;
    left: 0;
}

.btn {
    display: inline-block;
    background: #4CAF50;
    color: #fff;
    padding: 12px 30px;
    border-radius: 30px;
    text-decoration: none;
    transition: transform 0.3s ease, background 0.3s ease;
```

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```css
    }

    .btn:hover {
        transform: scale(1.1);
        background: #45a049;
    }

    @keyframes fadeIn
        { from {
            opacity: 0;
            transform: translateY(-20px);
        }
        to {
            opacity: 1;
            transform: translateY(0);
        }
    }
```

server.js:

```js
const http = require('http');
const fs = require('fs');
const path = require('path');

const server = http.createServer((req, res) =>
    { let filePath = '';

    if (req.url === '/' || req.url === '/dashboard') {
        filePath = path.join(__dirname, 'public', 'dashboard.html');
    } else if (req.url === '/about') {
        filePath = path.join(__dirname, 'public', 'about.html');
    } else if (req.url === '/styles.css') {
        filePath = path.join(__dirname, 'public', 'styles.css');
        res.setHeader('Content-Type', 'text/css');
    } else {
        res.writeHead(404, { 'Content-Type': 'text/html' });
        res.end(`
            <div style="text-align: center; margin-top: 20vh;">
                <h1 style="color: #FF5252;">404 - Page Not Found</h1>
                <a href="/" class="btn">Go to Dashboard</a>
            </div>
        `);
```

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```
        return;
    }

    fs.readFile(filePath, (err, content) =>
        { if (err) {
            res.writeHead(500, { 'Content-Type': 'text/html' });
            res.end('<h1>500 - Internal Server Error</h1>');
        } else {
            res.writeHead(200, { 'Content-Type': 'text/html' });
            res.end(content);
        }
    });
});

const PORT = 3000;
server.listen(PORT, () => {
    console.log(`  Server running at http://localhost:${PORT}`);
});
```

Output:-

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🔥 Key Features

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Learn More About Us