 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

Objective:- Create a Node application to display the dashboard and about us page based on URL using node core modules.

Code :-

index.js

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

// Create the server
const server = http.createServer((req, res) => {
  // Get the requested URL path
  let filePath = './pages' + (req.url === '/' ? '/dashboard.html' : req.url + '.html');


  // Resolve the file path
  filePath = path.resolve(filePath);

  // Check if the requested file exists
  fs.readFile(filePath, (err, content) => {
    if (err) {
      // Handle 404 Error
      res.writeHead(404, { 'Content-Type': 'text/html' });
      res.end(`<h1>404 - Page Not Found</h1>`);
    } else {
      // Serve the HTML content
      res.writeHead(200, { 'Content-Type': 'text/html' });
      res.end(content);
    }
  });
});

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

pages/about.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 | Our Company</title>
  <style>
```

 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.		
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030	

```

:root {
  --primary-color: #2c3e50;
  --secondary-color: #3498db;
  --accent-color: #e74c3c;
  --light-gray: #ecf0f1;
  --dark-gray: #34495e;
}

* {
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}

body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  line-height: 1.6;
  background: var(--light-gray);
  color: var(--primary-color);
  margin: 0;
  padding: 0;
}

header {
  background: var(--primary-color);
  color: #fff;
  text-align: center;
  padding: 50px 20px;
}


header h1 {
  font-size: 48px;
  margin-bottom: 10px;
}

header p {
  font-size: 18px;
  opacity: 0.9;
}

main {
  max-width: 1100px;
  margin: 40px auto;
  padding: 40px;
  background: #fff;
  box-shadow: 0 10px 20px rgba(0, 0, 0, 0.1);
  border-radius: 10px;
}

.content {

```

 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

```

display: flex;
flex-wrap: wrap;
justify-content: space-between;
gap: 40px;
}

.card {
  flex: 1;
  min-width: 300px;
  background: var(--light-gray);
  border-radius: 8px;
  box-shadow: 0 8px 16px rgba(0, 0, 0, 0.1);
  padding: 30px;
  transition: transform 0.3s, box-shadow 0.3s;
}

.card:hover {
  transform: translateY(-10px);
  box-shadow: 0 12px 24px rgba(0, 0, 0, 0.15);
}

.card h2 {
  font-size: 24px;
  color: var(--dark-gray);
  margin-bottom: 15px;
}


.card p {
  font-size: 16px;
  color: var(--primary-color);
  line-height: 1.5;
}

footer {
  background: var(--dark-gray);
  color: #fff;
  text-align: center;
  padding: 20px 10px;
  font-size: 14px;
}

footer a {
  color: var(--secondary-color);
  text-decoration: none;
}

footer a:hover {
  color: var(--accent-color);
}

```

 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

```

    .btn {
      display: inline-block;
      padding: 10px 30px;
      background: var(--secondary-color);
      color: #fff;
      text-decoration: none;
      border-radius: 5px;
      transition: background 0.3s;
    }

    .btn:hover {
      background: var(--accent-color);
    }

    @media (max-width: 768px) {
      main {
        padding: 20px;
      }

      .content {
        flex-direction: column;
        gap: 20px;
      }
    }
  </style>
</head>
<body>


<header>
  <h1>About Us</h1>
  <p>Committed to excellence and innovation</p>
</header>

<main>
  <div class="content">
    <div class="card">
      <h2>Our Mission</h2>
      <p>We aim to deliver high-quality products and services that empower businesses and individuals to achieve their goals through innovative technology and creative solutions.</p>
    </div>

    <div class="card">
      <h2>Our Team</h2>
      <p>Our dedicated team of professionals brings together diverse skills and expertise, ensuring that we deliver exceptional value to our clients and stakeholders.</p>
    </div>

    <div class="card">
      <h2>Why Choose Us?</h2>
      <p>With a customer-centric approach, cutting-edge technology, and a passion for

```

 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Advanced Web Technology (01CT1625)		Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030	

```

excellence, we strive to exceed expectations and drive success.</p>
    </div>
  </div>
</main>

<footer>
  <p>&copy; 2025 Our Company. All rights reserved. | <a href="/">Go to Dashboard</a></p>
</footer>

</body>
</html>

```

pages/dashboard.html



```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Dashboard | Your Company</title>
  <style>
    /* General Styles */
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background: linear-gradient(135deg, #f0f0f0, #d9e7ff);
      color: #333;
      line-height: 1.6;
      min-height: 100vh;
      display: flex;
      flex-direction: column;
      align-items: center;
      justify-content: center;
      padding: 20px;
    }

    /* Container */
    .container {
      background: #fff;
      box-shadow: 0 8px 24px rgba(0, 0, 0, 0.1);
      border-radius: 12px;
      padding: 40px;
      width: 100%;
      max-width: 900px;
    }

```

 Marwadi University Marwadi Chandarana Group		Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

```

      text-align: center;
      animation: fadeIn 0.8s ease-in-out;
    }

    h1 {
      font-size: 36px;
      color: #2c3e50;
      margin-bottom: 20px;
    }

    p {
      font-size: 18px;
      color: #555;
      margin-bottom: 30px;
    }

    a {
      display: inline-block;
      text-decoration: none;
      color: #fff;
      background: #3498db;
      padding: 12px 30px;
      font-size: 16px;
      border-radius: 5px;
      transition: background 0.3s, transform 0.3s;
    }

    a:hover {
      background: #2980b9;
      transform: translateY(-2px);
    }


    .btn-secondary {
      background: #2ecc71;
      margin-left: 15px;
    }

    .btn-secondary:hover {
      background: #27ae60;
    }

    footer {
      margin-top: 30px;
      font-size: 14px;
      color: #888;
    }

    /* Animations */
    @keyframes fadeIn {
      from {

```

 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Advanced Web Technology (01CT1625)		Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030	

```

        opacity: 0;
        transform: translateY(-20px);
    }
    to {
        opacity: 1;
        transform: translateY(0);
    }
}

/* Responsive Design */
@media (max-width: 768px) {
    .container {
        padding: 20px;
    }

    h1 {
        font-size: 28px;
    }

    p {
        font-size: 16px;
    }
}
</style>
</head>
<body>


<div class="container">
    <h1>Welcome to the Dashboard</h1>
    <p>Your one-stop platform for managing data, visualizing insights, and making informed
decisions.</p>

    <div>
        <a href="/about">About Us</a>
        <a href="/page_404" class="btn-secondary">Our Services</a>
    </div>
</div>

<footer>
    &copy; 2025 Your Company Name | All rights reserved
</footer>

</body>
</html>

```

 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

pages/page_404.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>404 - Page Not Found</title>

  <style>
    /* Reset and basic styling */
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
      font-family: Arial, sans-serif;
    }

    body {
      background: #f5f5f5;
      color: #333;
      line-height: 1.6;
      display: flex;
      flex-direction: column;
      min-height: 100vh;
    }



    /* Header Styles */
    header {
      background: #2c3e50;
      color: white;
      padding: 20px;
      text-align: center;
    }

    nav ul {
      list-style: none;
    }

    nav ul li {
      display: inline;
      margin: 0 15px;
    }

    nav ul li a {
      color: white;
      text-decoration: none;
      font-weight: bold;
    }
  </style>

```


 Marwadi University Marwadi Chandarana Group		Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

```

nav ul li a:hover {
  color: #f1c40f;
}

/* Main Container */
main {
  flex: 1;
  display: flex;
  justify-content: center;
  align-items: center;
  padding: 40px;
}

/* 404 Error Container */
.error-container {
  text-align: center;
  background: white;
  padding: 60px 80px;
  border-radius: 8px;
  box-shadow: 0 0 20px rgba(0, 0, 0, 0.1);
  max-width: 600px;
  width: 100%;
  transition: transform 0.3s;
}

.error-container:hover {
  transform: translateY(-5px);
}


.error-container h1 {
  font-size: 100px;
  color: #e74c3c;
  margin-bottom: 10px;
}

.error-container h2 {
  font-size: 36px;
  margin-bottom: 20px;
  color: #2c3e50;
}

.error-container p {
  font-size: 18px;
  color: #555;
  margin-bottom: 30px;
}

.btn {
  display: inline-block;
  padding: 12px 30px;

```

 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

```

background: #3498db;
color: white;
text-decoration: none;
font-size: 16px;
border-radius: 4px;
transition: 0.3s;
}

.btn:hover {
background: #2980b9;
transform: scale(1.05);
}



/* Footer */
footer {
background: #333;
color: white;
text-align: center;
padding: 15px;
font-size: 14px;
}

</style>
</head>
<body>
<header>
<nav>
<ul>
<li><a href="/">Dashboard</a></li>
<li><a href="/about">About Us</a></li>
</ul>
</nav>
</header>

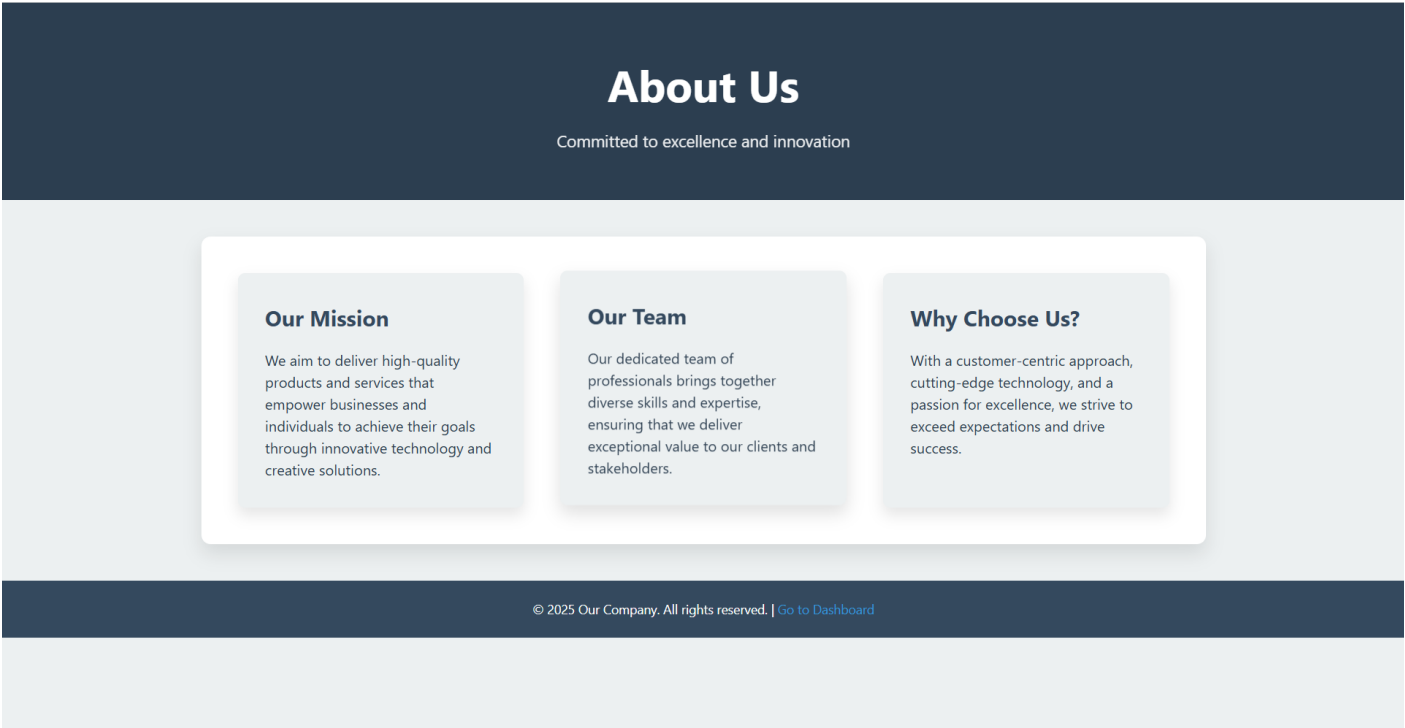
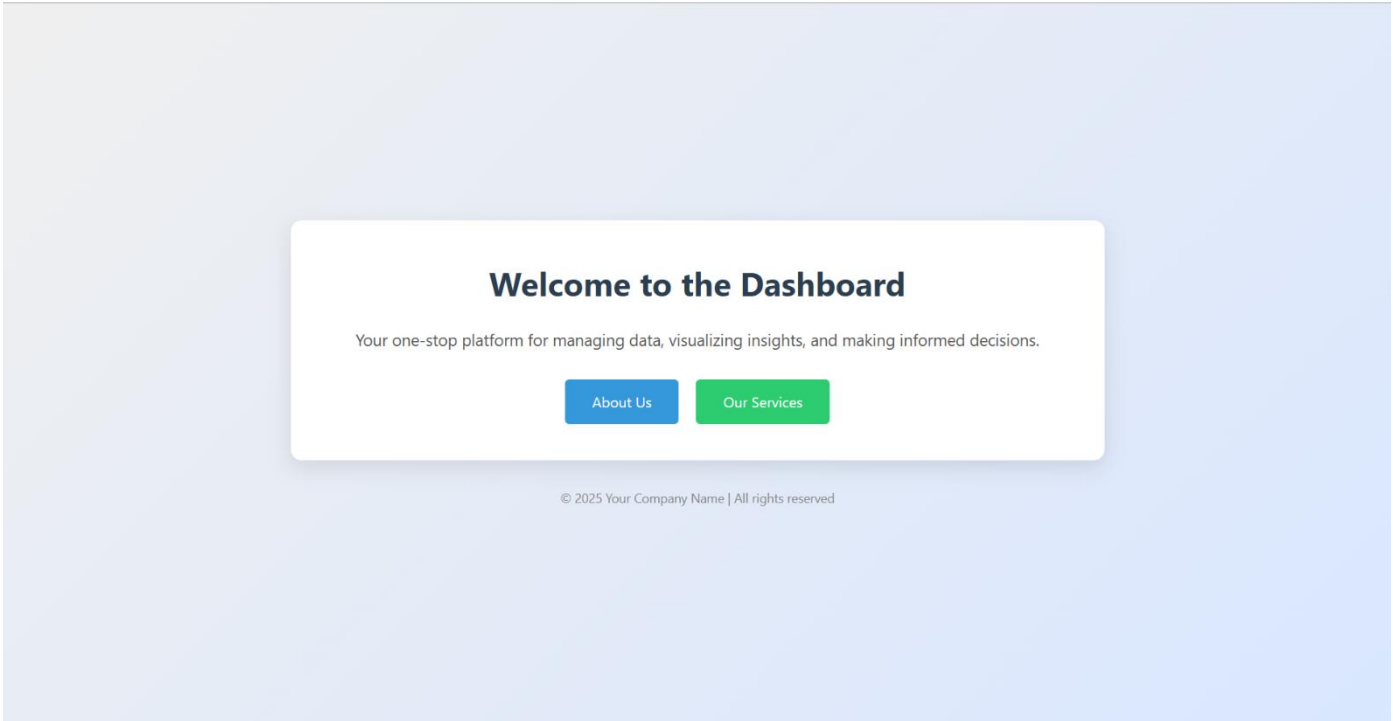
<main>
<div class="error-container">
<h1>404</h1>
<h2>Oops! Page Not Found</h2>
<p>We couldn't find the page you were looking for.</p>
<a href="/" class="btn">Return to Dashboard</a>
</div>
</main>


<footer>
<p>&copy; 2025 Company Name. All rights reserved.</p>
</footer>
</body>
</html>

```

 Marwadi University Marwadi Chandarana Group		Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.	
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030

Output :-



 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Advanced Web Technology (01CT1625)	Aim: Create a Node application to display the dashboard and about us page based on URL using node core modules.		
Task No:- 02	Date:- 23-03-2025	Enrollment No:- 92200133030	

Dashboard
About Us

404

Oops! Page Not Found

We couldn't find the page you were looking for.

Return to Dashboard

© 2025 Company Name. All rights reserved.