Ex. No: 7	
2.10.2023	**Routing Implementation using ExpressJS**

Aim:

To implement the routing feature(s) using the ExpressJS.

Program:

Server.js

```
const express = require('express');
const path = require('path');

const app = express();

// Define a route for the root path
app.get('/', (req, res) => {
  const indexPath = path.join(__dirname, 'index.html');
  res.sendFile(indexPath);
});

// Define a route for the /about path
app.get('/about', (req, res) => {
  const aboutPath = path.join(__dirname, 'about.html');
  res.sendFile(aboutPath);
});

// Define a route for serving images
app.get('/image', (req, res) => {
  const imagePath = path.join(__dirname, 'images', 'bs.jpg');
  res.sendFile(imagePath);
});

const PORT = 3000;

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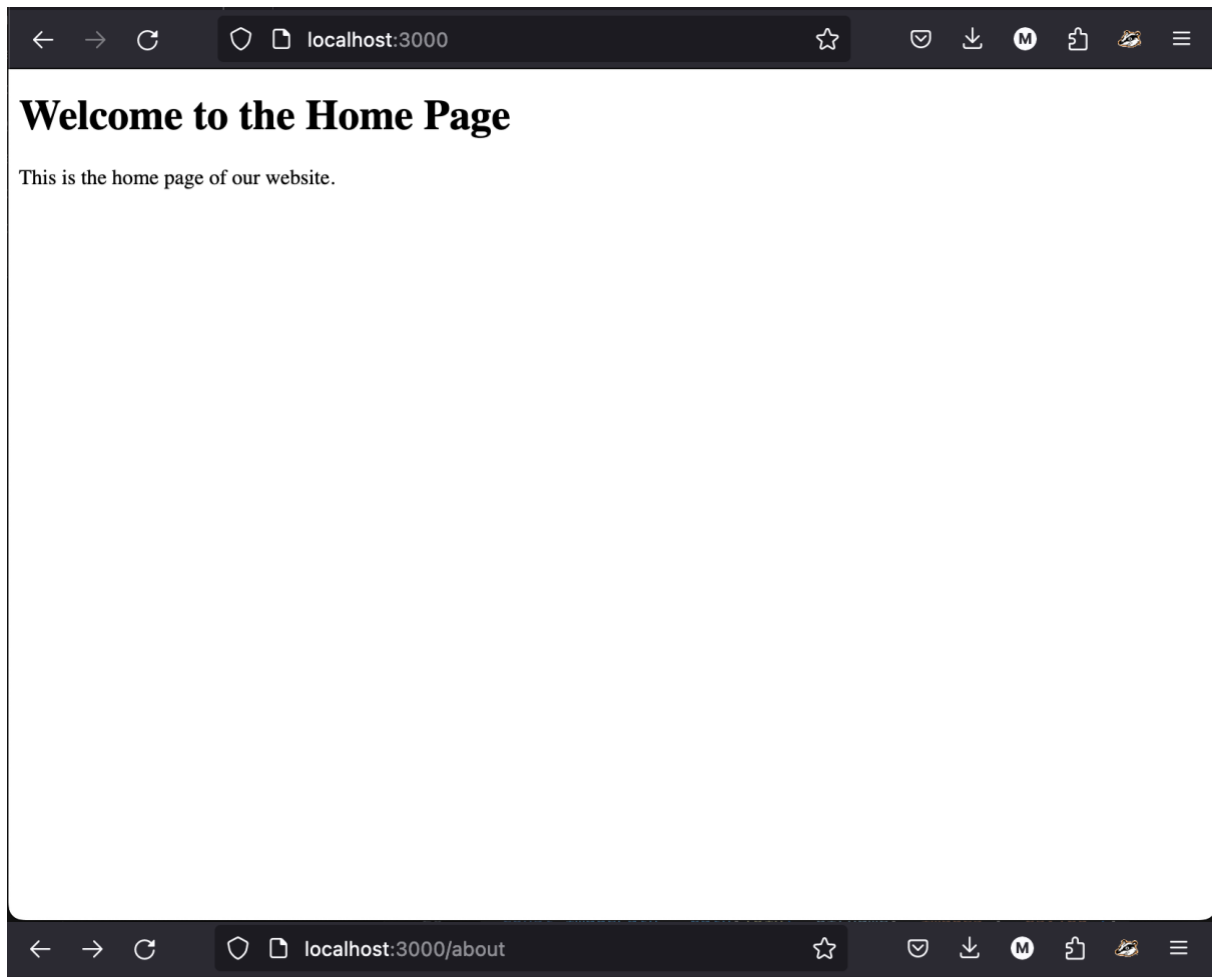
Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <h1>Welcome to the Home Page</h1>
  <p>This is the home page of our website.</p>
  <script src="script.js"></script>
</body>
</html>
```
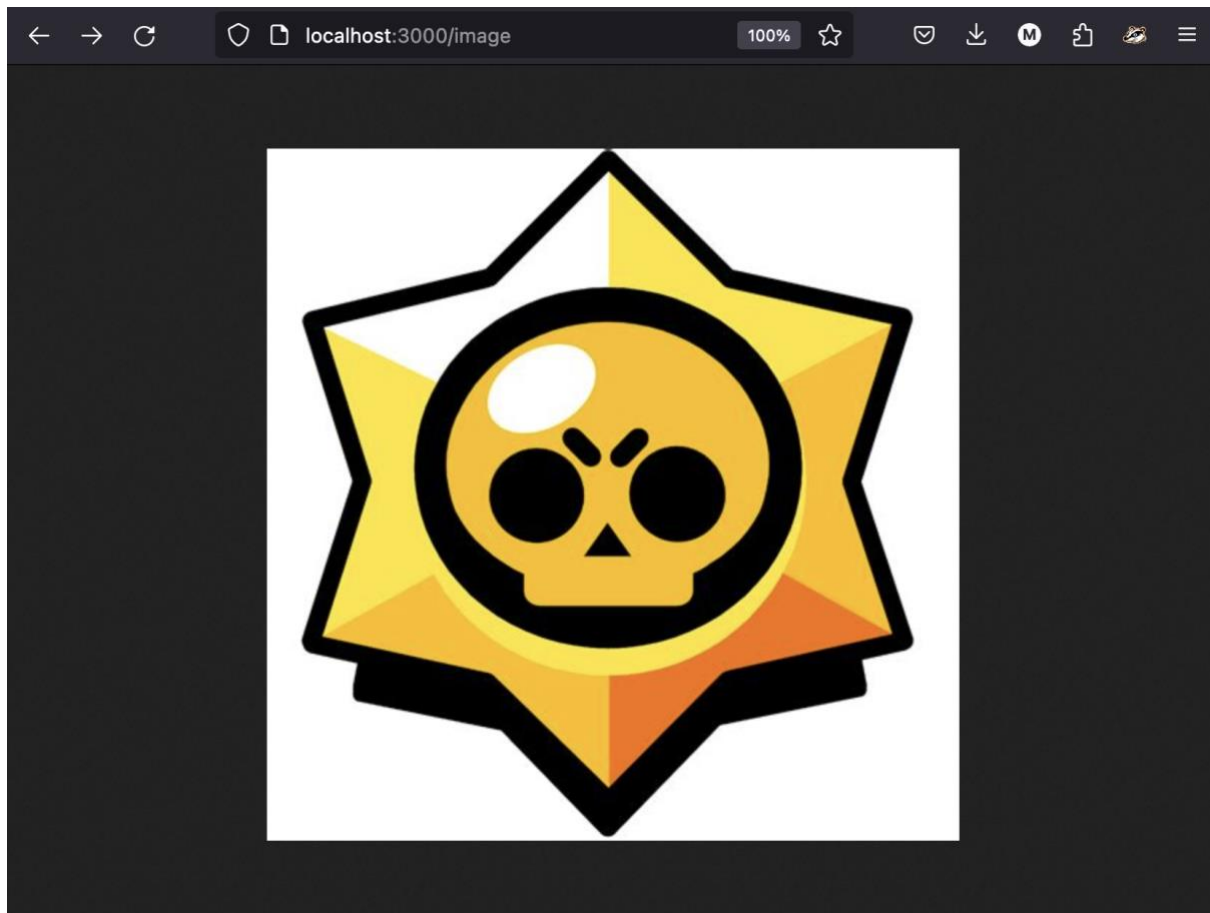
About.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>About</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <h1>About Us</h1>
  <p>This is the about page of our website.</p>
  <script src="script.js"></script>
</body>
</html>
```

Output:

Welcome to the Home Page

This is the home page of our website.

About Us

This is the about page of our website.

Result:

      Successfully implemented the routing feature(s) using the ExpressJS.