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Semester : 7th
Subject : 705

Assignment 3

Start Date : 25 october 2024

Q:1

//app.js

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

const app = express();
const PORT = process.env.PORT || 8080;

// Connect to MongoDB (replace <DB_URI> with your MongoDB connection string)
//mongoose.connect('<DB_URI>', { useNewUrlParser: true, useUnifiedTopology: true });
//mongoose.connect('mongodb://localhost:27017/upload', { useNewUrlParser: true,
useUnifiedTopology: true });

//const mongoose = require('mongoose');

// Update this with your actual connection string
const mongoURI = 'mongodb://localhost:27017/upload';

mongoose.connect(mongoURI, { useNewUrlParser: true, useUnifiedTopology: true })
  .then(() => console.log('MongoDB connected!'))
  .catch(err => console.error('MongoDB connection error:', err));

// Middleware
app.use(express.urlencoded({ extended: true }));
app.use('/uploads', express.static('uploads')); // Serve uploaded files
app.set('view engine', 'ejs');

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

```

    destination: (req, file, cb) => {
      cb(null, 'uploads/');
    },
    filename: (req, file, cb) => {
      cb(null, Date.now() + path.extname(file.originalname)); // Appending extension
    }
  });

```

```

const upload = multer({
  storage: storage,
  limits: { fileSize: 1 * 1024 * 1024 }, // Limit file size to 1MB
  fileFilter: (req, file, cb) => {
    const filetypes = /jpeg|jpg|png|gif|pdf/;
    const mimetype = filetypes.test(file.mimetype);
    const extname = filetypes.test(path.extname(file.originalname).toLowerCase());
    if (mimetype && extname) {
      return cb(null, true);
    }
    cb("Error: File type not supported");
  }
});

```

```

const User = require('./User');

```

```

// Render registration form
app.get('/register', (req, res) => {
  res.render('register');
});

```

```

// Handle user registration
app.post('/register', upload.array('files'), async (req, res) => {
  const { username, email } = req.body;
  const files = req.files.map(file => file.filename);

  const user = new User({ username, email, files });
  await user.save();
  res.redirect('/files');
});

```

```

// List uploaded files
app.get('/files', async (req, res) => {
  const users = await User.find();
  res.render('files', { users });
});

```

```
// Download file
app.get('/files/download/:filename', (req, res) => {
  const file = path.join(__dirname, 'uploads', req.params.filename);
  res.download(file);
});
```

```
//user.js
```

```
const mongoose = require('mongoose');
```

```
const userSchema = new mongoose.Schema({
  username: { type: String, required: true },
  email: { type: String, required: true },
  files: [{ type: String }]
});
```

```
module.exports = mongoose.model('User', userSchema);
```

```
//register.ejs
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Register</title>
</head>
<body>
  <h1>Register</h1>
  <form action="/register" method="POST" enctype="multipart/form-data">
    <input type="text" name="username" placeholder="Username" required><br>
    <input type="email" name="email" placeholder="Email" required><br>
    <input type="file" name="files" multiple required><br>
    <button type="submit">Register</button>
  </form>
</body>
</html>
```

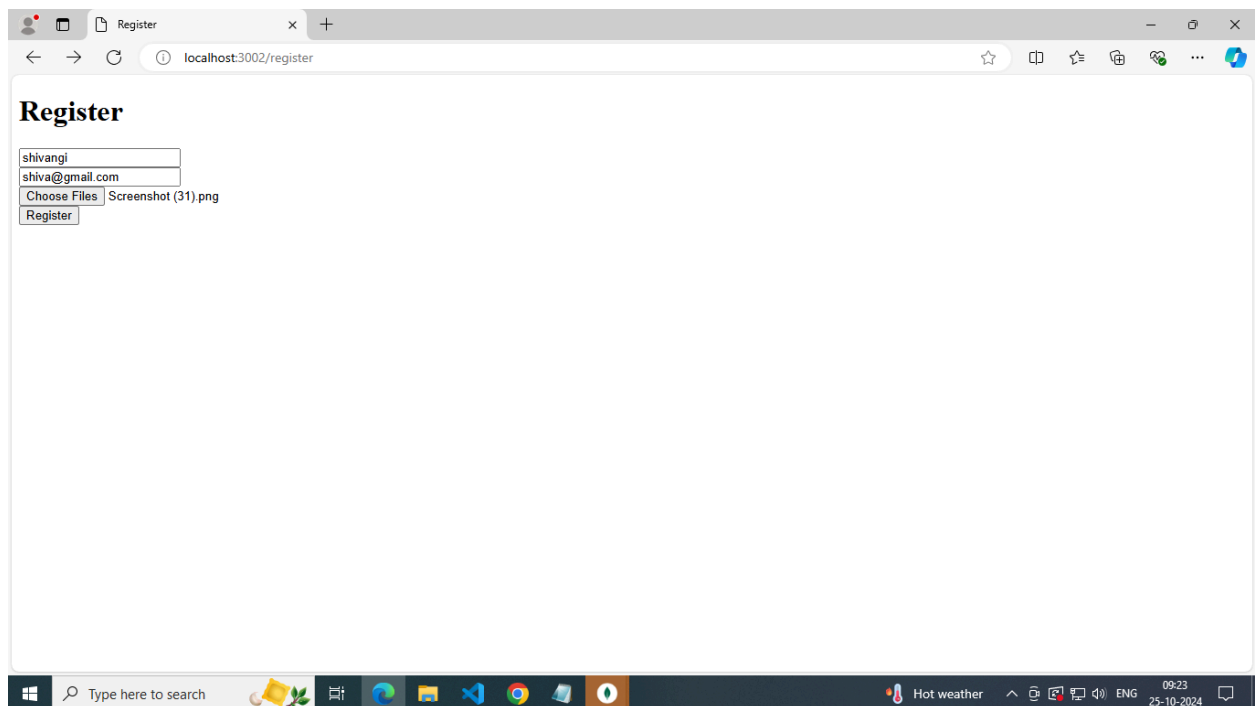
```
//files.ejs
```

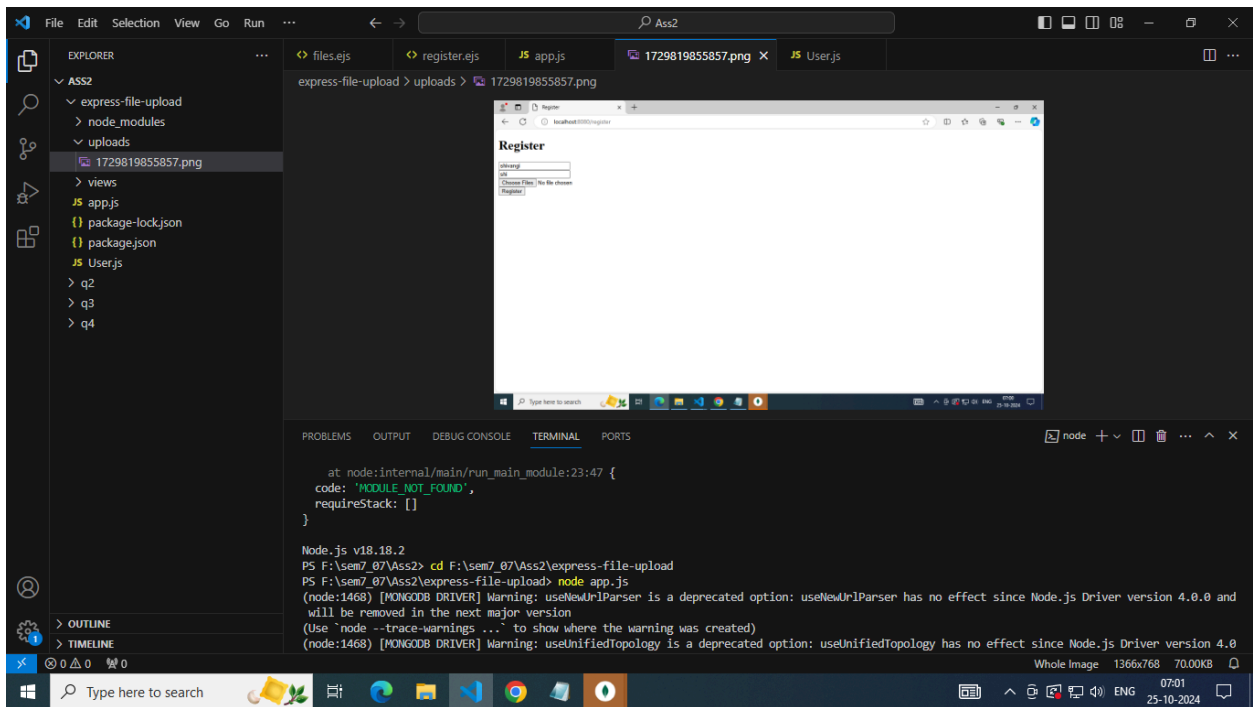
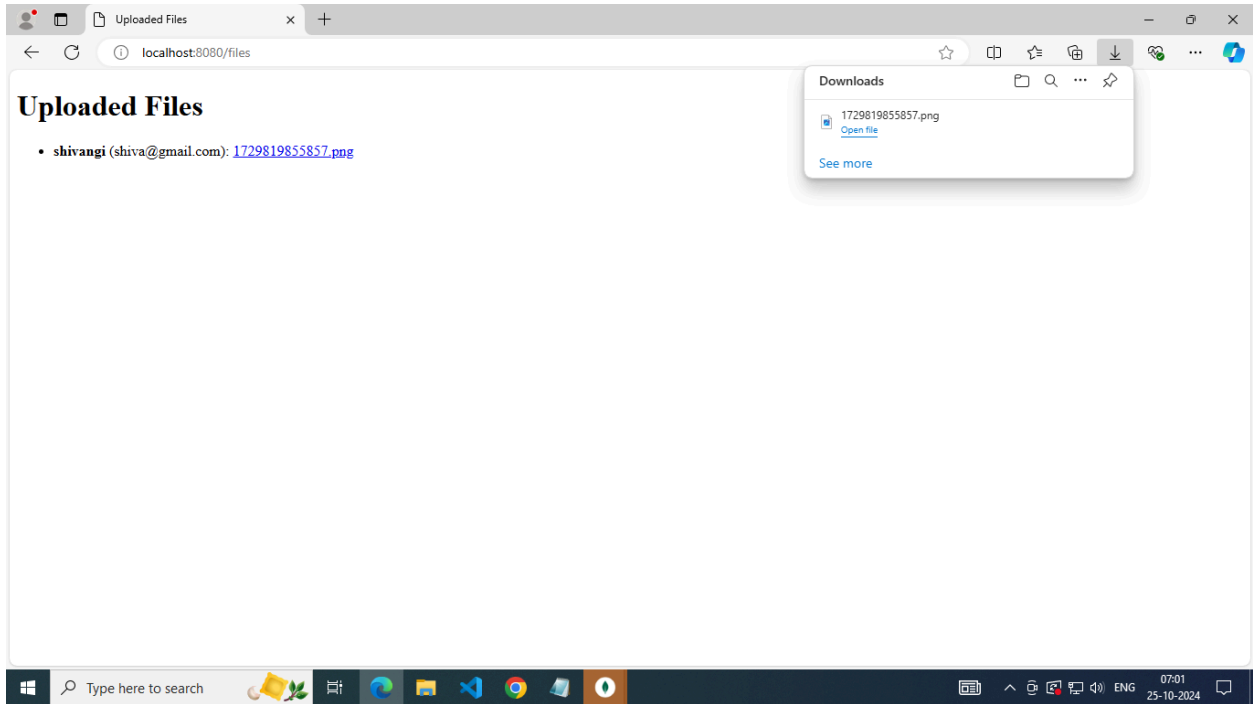
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```

<title>Uploaded Files</title>
</head>
<body>
  <h1>Uploaded Files</h1>
  <ul>
    <% users.forEach(user => { %>
      <li><strong><%= user.username %></strong> (<%= user.email %>):
        <% user.files.forEach(file => { %>
          <a href="/files/download/<%= file %>"><%= file %></a>
        <% }) %>
      </li>
    <% }) %>
  </ul>
</body>
</html>

```





Q:2

//app.js

```
const express = require('express');
const session = require('express-session');
const flash = require('connect-flash');
const bodyParser = require('body-parser');
const path = require('path');

const app = express();
const PORT = process.env.PORT || 8000;

// Simple in-memory user store for demonstration purposes
const users = [{ username: 'shiv', password: 'shiv' }];

// Setup session
app.use(session({
  secret: 'secret_key', // Replace with a strong secret in production
  resave: false,
  saveUninitialized: true,
  cookie: { maxAge: 60000 } // 1 minute
}));

// Flash messages middleware
app.use(flash());

// Middleware
app.use(bodyParser.urlencoded({ extended: true }));
app.set('view engine', 'ejs');
app.use(express.static(path.join(__dirname, 'public'))); // Serve static files

// Render login form
app.get('/login', (req, res) => {
  res.render('login', { messages: req.flash('error') });
});

// Handle login
app.post('/login', (req, res) => {
  const { username, password } = req.body;

  // Check user credentials
  const user = users.find(u => u.username === username && u.password === password);
```

```

    if (user) {
      req.session.user = user;
      req.flash('success', 'Logged in successfully!');
      return res.redirect('/dashboard');
    }

    req.flash('error', 'Invalid username or password');
    res.redirect('/login');
  });

  // Render dashboard
  app.get('/dashboard', (req, res) => {
    if (!req.session.user) {
      req.flash('error', 'Please log in first');
      return res.redirect('/login');
    }
    res.render('dashboard', { user: req.session.user });
  });

  // Logout
  // Logout
  app.get('/logout', (req, res) => {
    req.flash('success', 'Logged out successfully'); // Set flash message before destroying session
    req.session.destroy(err => {
      if (err) {
        return res.redirect('/dashboard'); // Handle session destruction error
      }
      res.redirect('/login'); // Redirect to login after session is destroyed
    });
  });

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

```

//login.ejs

```

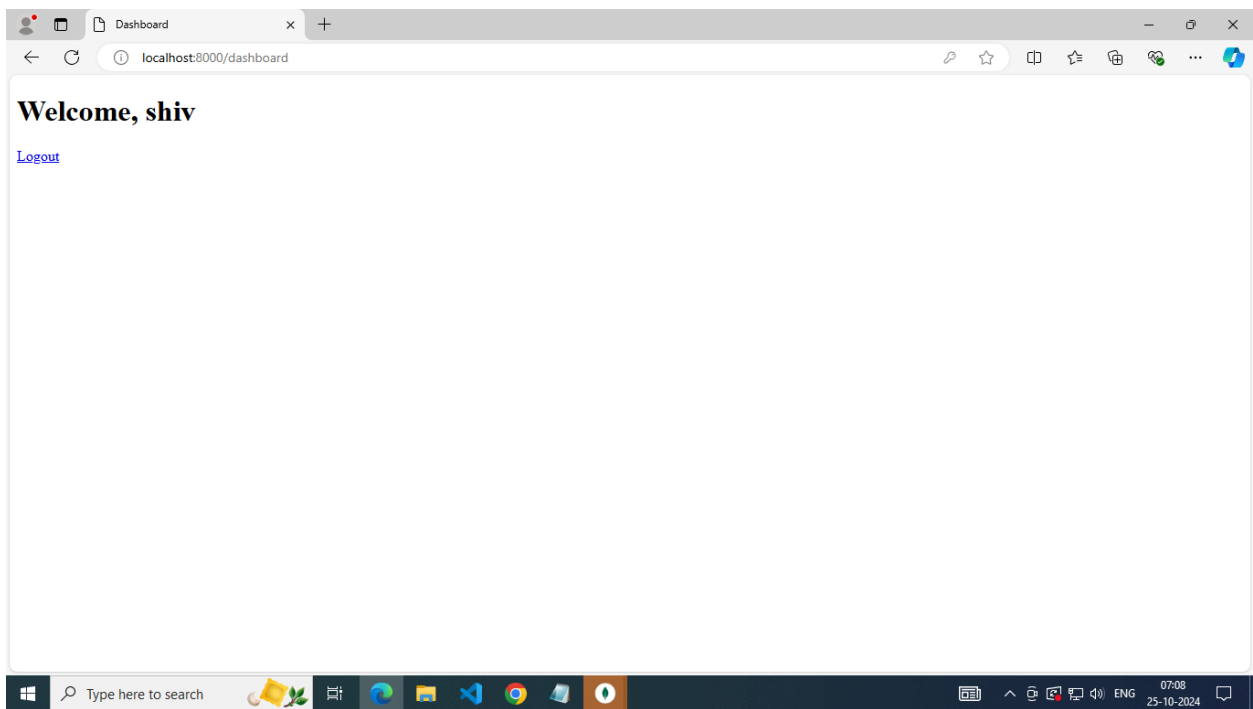
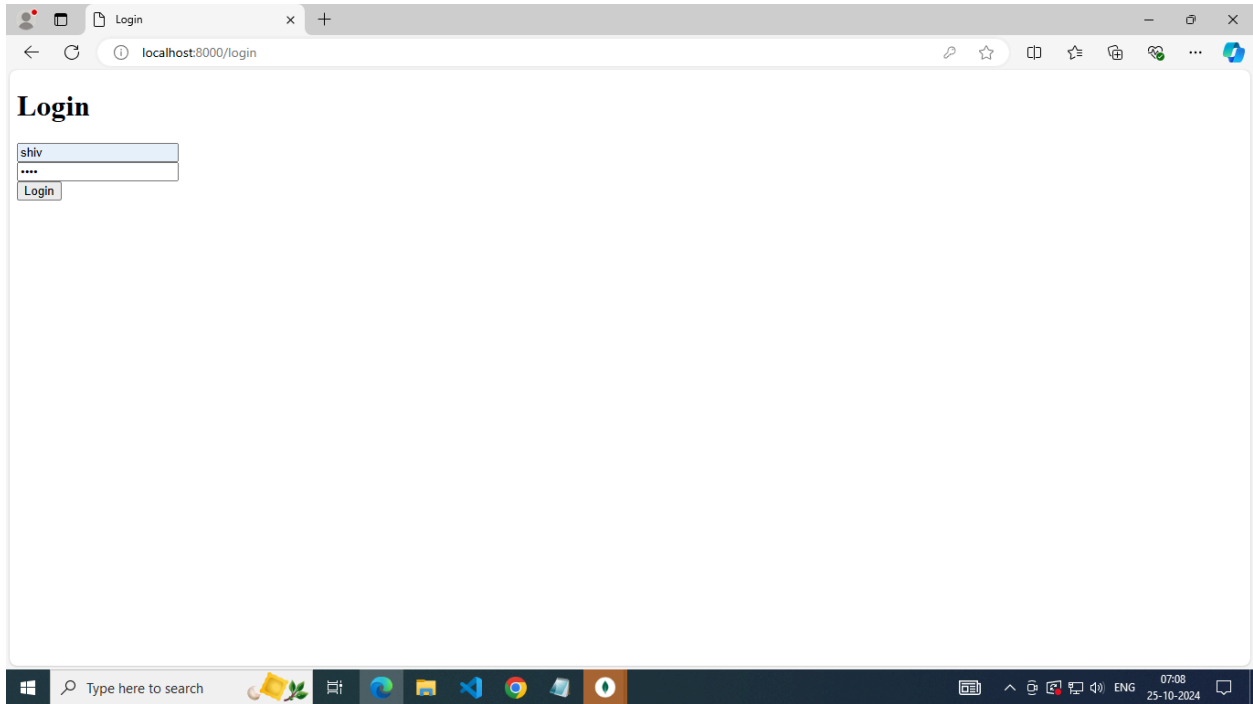
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Login</title>
</head>
<body>

```

```
<h1>Login</h1>
<% if (messages.length) { %>
  <ul>
    <% messages.forEach(msg => { %>
      <li><%= msg %></li>
    <% }) %>
  </ul>
<% } %>
<form action="/login" method="POST">
  <input type="text" name="username" placeholder="Username" required><br>
  <input type="password" name="password" placeholder="Password" required><br>
  <button type="submit">Login</button>
</form>
</body>
</html>
```

//dashboard.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Dashboard</title>
</head>
<body>
  <h1>Welcome, <%= user.username %></h1>
  <a href="/logout">Logout</a>
</body>
</html>
```

Q:3

//server.js

```
const express = require('express');
const session = require('express-session');
const RedisStore = require('connect-redis').default; // Import Redis store
const flash = require('connect-flash');
const bodyParser = require('body-parser');
const redis = require('redis');
const path = require('path');

const app = express();
const PORT = process.env.PORT || 3001;

// Configure Redis client
// const redisClient = redis.createClient();
const redisClient = redis.createClient({
  host: '127.0.0.1', // Use IPv4
  port: 6379 // Default Redis port
});

redisClient.on('error', (err) => console.log('Redis Client Error', err));

// Simple in-memory user store for demonstration purposes
const users = [{ username: 'shiv', password: 'shiv' }];

// Setup session with Redis store
app.use(session({
  store: new RedisStore({ client: redisClient }),
  secret: 'secret_key', // Replace with a strong secret in production
  resave: false,
  saveUninitialized: false,
  cookie: { maxAge: 60000 } // 1 minute
}));

// Flash messages middleware
app.use(flash());

// Middleware
app.use(bodyParser.urlencoded({ extended: true }));
app.set('view engine', 'ejs');
app.use(express.static(path.join(__dirname, 'public'))); // Serve static files
```

```

// Render login form
app.get('/login', (req, res) => {
  res.render('login', { messages: req.flash('error') });
});

// Handle login
app.post('/login', (req, res) => {
  const { username, password } = req.body;

  // Check user credentials
  const user = users.find(u => u.username === username && u.password === password);
  if (user) {
    req.session.user = user;
    req.flash('success', 'Logged in successfully!');
    return res.redirect('/dashboard');
  }

  req.flash('error', 'Invalid username or password');
  res.redirect('/login');
});

// Render dashboard
app.get('/dashboard', (req, res) => {
  if (!req.session.user) {
    req.flash('error', 'Please log in first');
    return res.redirect('/login');
  }
  res.render('dashboard', { user: req.session.user });
});

// Logout
app.get('/logout', (req, res) => {
  req.flash('success', 'Logged out successfully');
  req.session.destroy(err => {
    if (err) {
      return res.redirect('/dashboard');
    }
    res.redirect('/login');
  });
});

// Start the server
app.listen(PORT, () => {

```

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

```
// Connect to Redis
(async () => {
  try {
    await redisClient.connect();
    console.log('Connected to Redis');
  } catch (err) {
    console.error('Redis Client Error', err);
  }
})();
```

```
//login.ejs
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Login</title>
</head>
<body>
  <h1>Login</h1>
  <% if (messages.length) { %>
    <ul>
      <% messages.forEach(msg => { %>
        <li><%= msg %></li>
      <% }) %>
    </ul>
  <% } %>
  <form action="/login" method="POST">
    <input type="text" name="username" placeholder="Username" required><br>
    <input type="password" name="password" placeholder="Password" required><br>
    <button type="submit">Login</button>
  </form>
</body>
</html>
```

```
//dashboard.ejs
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```

    <title>Login</title>
</head>
<body>
    <h1>Login</h1>
    <% if (messages.length) { %>
        <ul>
            <% messages.forEach(msg => { %>
                <li><%= msg %></li>
            <% }) %>
        </ul>
    <% } %>
    <form action="/login" method="POST">
        <input type="text" name="username" placeholder="Username" required><br>
        <input type="password" name="password" placeholder="Password" required><br>
        <button type="submit">Login</button>
    </form>
</body>
</html>

```

Q:4

//server.js

```

const express = require('express');
const mongoose = require('mongoose');
const jwt = require('jsonwebtoken');
const bcrypt = require('bcryptjs');
const path = require('path');
const session = require('express-session');
const methodOverride = require('method-override');
const app = express();
const PORT = process.env.PORT || 3001;

// Middleware
app.use(express.json());
app.use(express.urlencoded({ extended: true }));
app.use(methodOverride('_method')); // For PUT and DELETE methods
app.set('view engine', 'ejs');

// Set views directory
app.set('views', path.join(__dirname, 'views'));
app.set('view engine', 'ejs');

// Session setup

```

```

app.use(session({
  secret: 'your_secret_key',
  resave: false,
  saveUninitialized: true,
}));

// Connect to MongoDB
mongoose.connect('mongodb://localhost:27017/studentDB', { useNewUrlParser: true,
useUnifiedTopology: true })
  .then(() => console.log('MongoDB connected'))
  .catch(err => console.error(err));

// Student Schema
const studentSchema = new mongoose.Schema({
  name: String,
  email: { type: String, unique: true },
  password: String
});

const Student = mongoose.model('Student', studentSchema);

// Middleware for JWT verification
const authenticateJWT = (req, res, next) => {
  const token = req.session.token;
  if (!token) return res.redirect('/'); // Redirect if not logged in

  jwt.verify(token, 'your_jwt_secret', (err, user) => {
    if (err) return res.redirect('/'); // Redirect if token is invalid
    req.user = user;
    next();
  });
};

// Routes
app.get('/', (req, res) => {
  res.render('index');
});

```

```

// Register
app.post('/register', async (req, res) => {
  const hashedPassword = await bcrypt.hash(req.body.password, 10);
  const newStudent = new Student({
    name: req.body.name,
    email: req.body.email,
    password: hashedPassword
  });

  try {
    await newStudent.save();
    res.status(201).send('Student registered');
  } catch (error) {
    res.status(400).send('Error registering student');
  }
});

// Login
app.post('/login', async (req, res) => {
  const student = await Student.findOne({ email: req.body.email });
  if (student && (await bcrypt.compare(req.body.password, student.password))) {
    const token = jwt.sign({ email: student.email }, 'your_jwt_secret', { expiresIn: '1h' });
    req.session.token = token;
    res.redirect('/students'); // Redirect to the students page
  } else {
    res.status(403).send('Invalid credentials');
  }
});

// Logout
app.post('/logout', (req, res) => {
  req.session.destroy(err => {
    if (err) return res.status(500).send('Could not log out');
    res.redirect('/');
  });
});

// View students
app.get('/students', authenticateJWT, async (req, res) => {
  try {
    const students = await Student.find();
    res.render('student', { students }); // Renders the student.ejs view
  } catch (error) {
    res.status(500).send('Error retrieving students');
  }
});

```

```

    }
  });
  // Add student form
  app.get('/students/new', authenticateJWT, (req, res) => {
    res.render('insert');
  });

  // Handle adding a new student
  app.post('/students', authenticateJWT, async (req, res) => {
    const hashedPassword = await bcrypt.hash(req.body.password, 10);
    const newStudent = new Student({
      name: req.body.name,
      email: req.body.email,
      password: hashedPassword
    });

    try {
      await newStudent.save();
      res.redirect('/students');
    } catch (error) {
      res.status(400).send('Error creating student');
    }
  });

  // Update student form
  app.get('/students/:id/edit', authenticateJWT, async (req, res) => {
    try {
      const student = await Student.findById(req.params.id);
      res.render('update', { student });
    } catch (error) {
      res.status(400).send('Error retrieving student');
    }
  });

  // Handle updating a student
  app.put('/students/:id', authenticateJWT, async (req, res) => {
    const updateData = {
      name: req.body.name,
      email: req.body.email,
    };

    if (req.body.password) {
      updateData.password = await bcrypt.hash(req.body.password, 10);
    }
  });

```



```

    try {
      await Student.findByIdAndUpdate(req.params.id, updateData);
      res.redirect('/students');
    } catch (error) {
      res.status(400).send('Error updating student');
    }
  });

```

```

// Handle deleting a student
app.delete('/students/:id', authenticateJWT, async (req, res) => {
  try {
    await Student.findByIdAndDelete(req.params.id);
    res.redirect('/students');
  } catch (error) {
    res.status(400).send('Error deleting student');
  }
});

```

```

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

```

//index.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Management System</title>
</head>
<body>
  <h1>Welcome to the Student Management System</h1>

  <!-- Login Form -->
  <h2>Login</h2>
  <form action="/login" method="POST">
    <label for="email">Email:</label>
    <input type="email" name="email" required>
    <label for="password">Password:</label>
    <input type="password" name="password" required>
    <button type="submit">Login</button>
  </form>

```

```

<!-- Registration Form -->
<h2>Register</h2>
<form action="/register" method="POST">
  <label for="name">Name:</label>
  <input type="text" name="name" required>
  <label for="email">Email:</label>
  <input type="email" name="email" required>
  <label for="password">Password:</label>
  <input type="password" name="password" required>
  <button type="submit">Register</button>
</form>
</body>
</html>

```

//students.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student List</title>
</head>
<body>
  <h1>Student List</h1>
  <table border="1">
    <thead>
      <tr>
        <th>Name</th>
        <th>Email</th>
        <th>Actions</th>
      </tr>
    </thead>
    <tbody>
      <% students.forEach(student => { %>
        <tr>
          <td><%= student.name %></td>
          <td><%= student.email %></td>
          <td>
            <!-- Edit button -->
            <a href="/students/<%= student._id %>/edit">Edit</a>

            <!-- Delete button -->

```

```

        <form action="/students/<%= student._id %>?_method=DELETE"
method="POST" style="display:inline;">
        <button type="submit">Delete</button>
    </form>
</td>
</tr>
<% }) %>
</tbody>
</table>

<!-- Add New Student Button -->
<a href="/students/new">Add New Student</a>

<!-- Logout Button -->
<form action="/logout" method="POST">
    <button type="submit">Logout</button>
</form>
</body>
</html>

```

//insert.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Add New Student</title>
</head>
<body>
    <h1>Add New Student</h1>
    <form action="/students" method="POST">
        <label for="name">Name:</label>
        <input type="text" name="name" required>
        <label for="email">Email:</label>
        <input type="email" name="email" required>
        <label for="password">Password:</label>
        <input type="password" name="password" required>
        <button type="submit">Add Student</button>
    </form>
    <a href="/students">Back to Students List</a>
</body>
</html>

```

//update.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Add New Student</title>
</head>
<body>
  <h1>Add New Student</h1>
  <form action="/students" method="POST">
    <label for="name">Name:</label>
    <input type="text" name="name" required>
    <label for="email">Email:</label>
    <input type="email" name="email" required>
    <label for="password">Password:</label>
    <input type="password" name="password" required>
    <button type="submit">Add Student</button>
  </form>
  <a href="/students">Back to Students List</a>
</body>
</html>
```

//registration

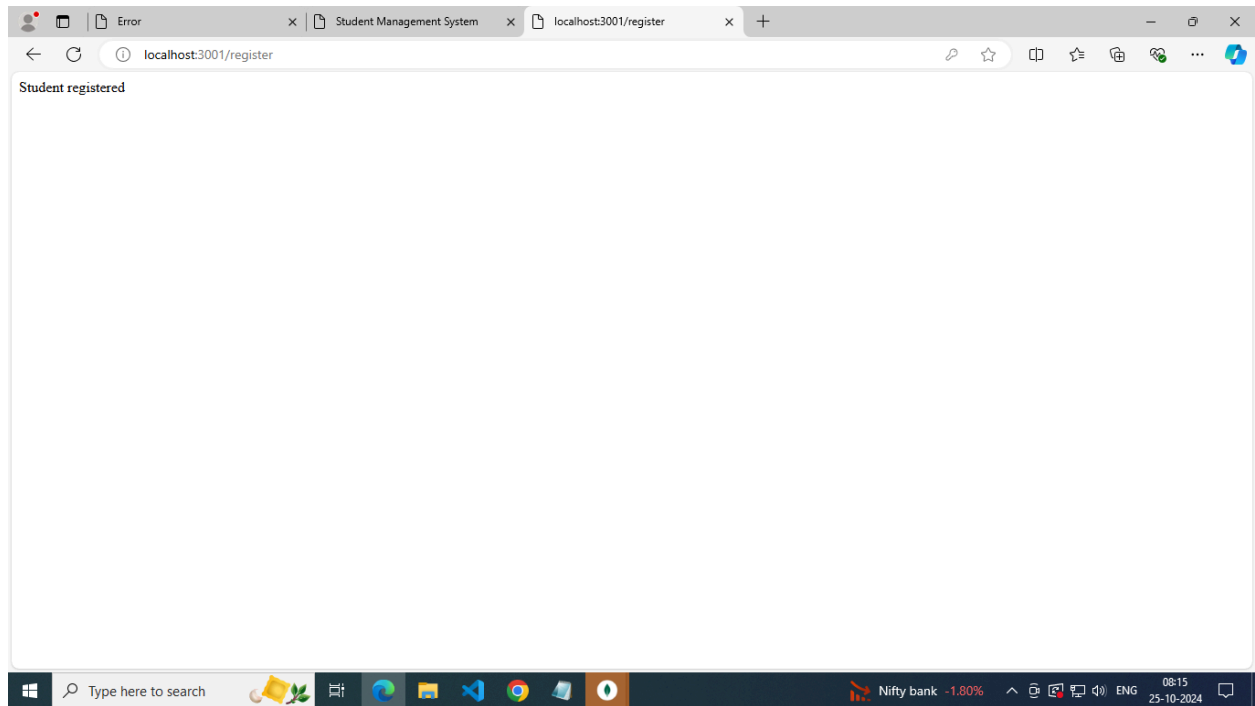
Welcome to the Student Management System

Login

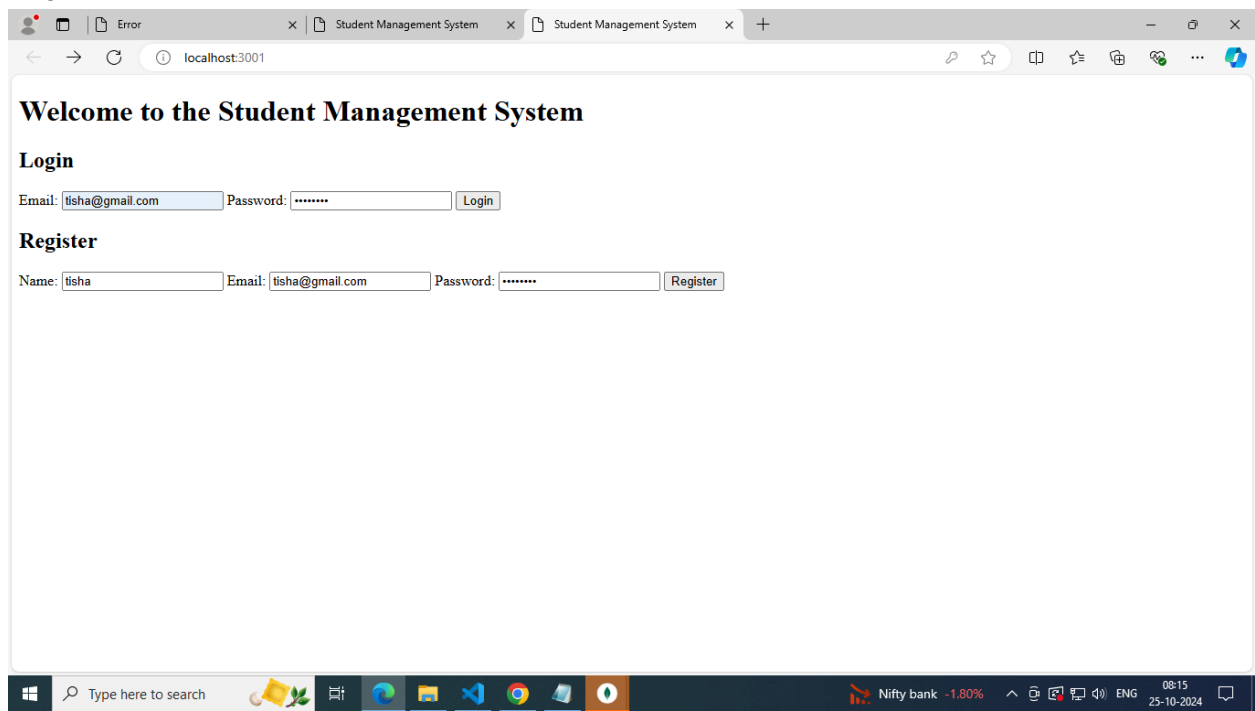
Email: Password:

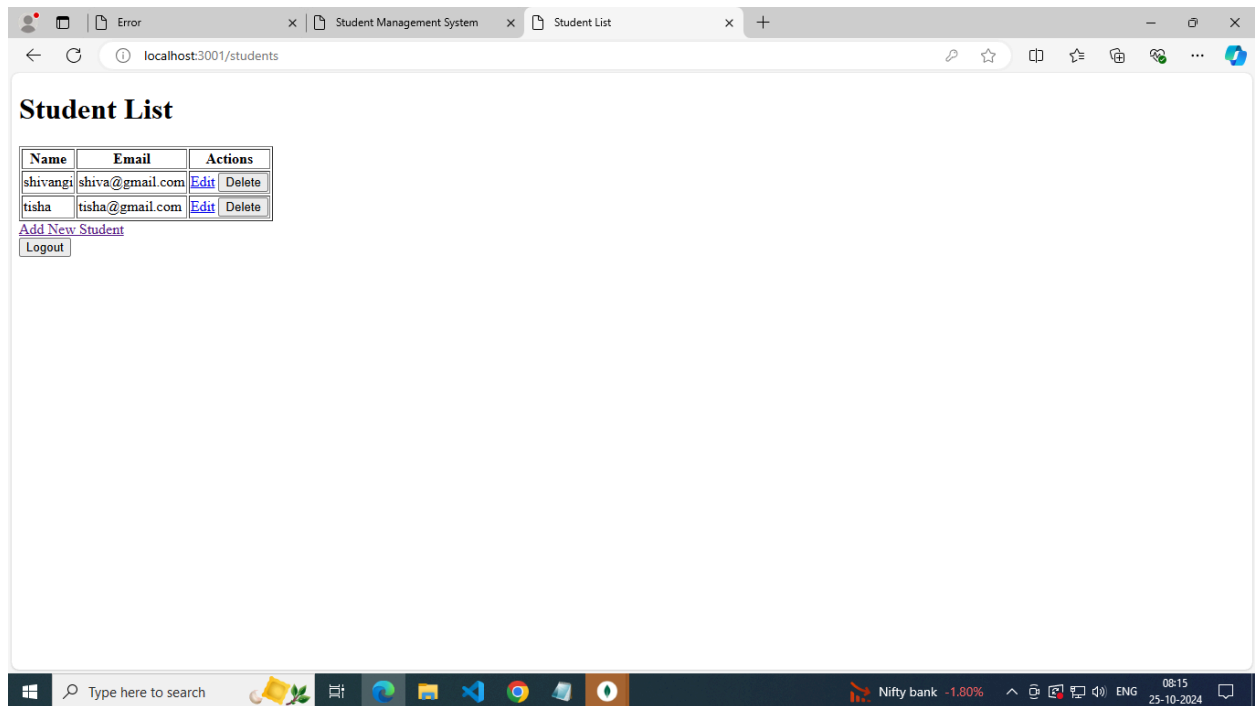
Register

Name: Email: Password:

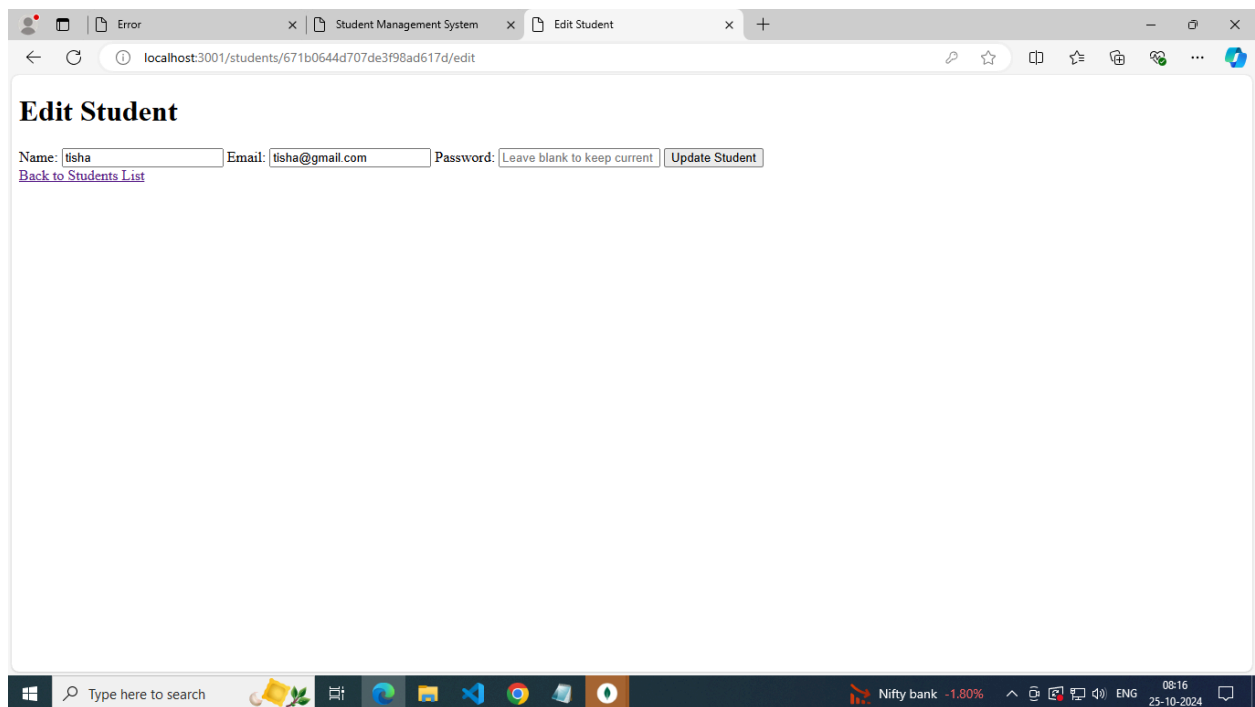


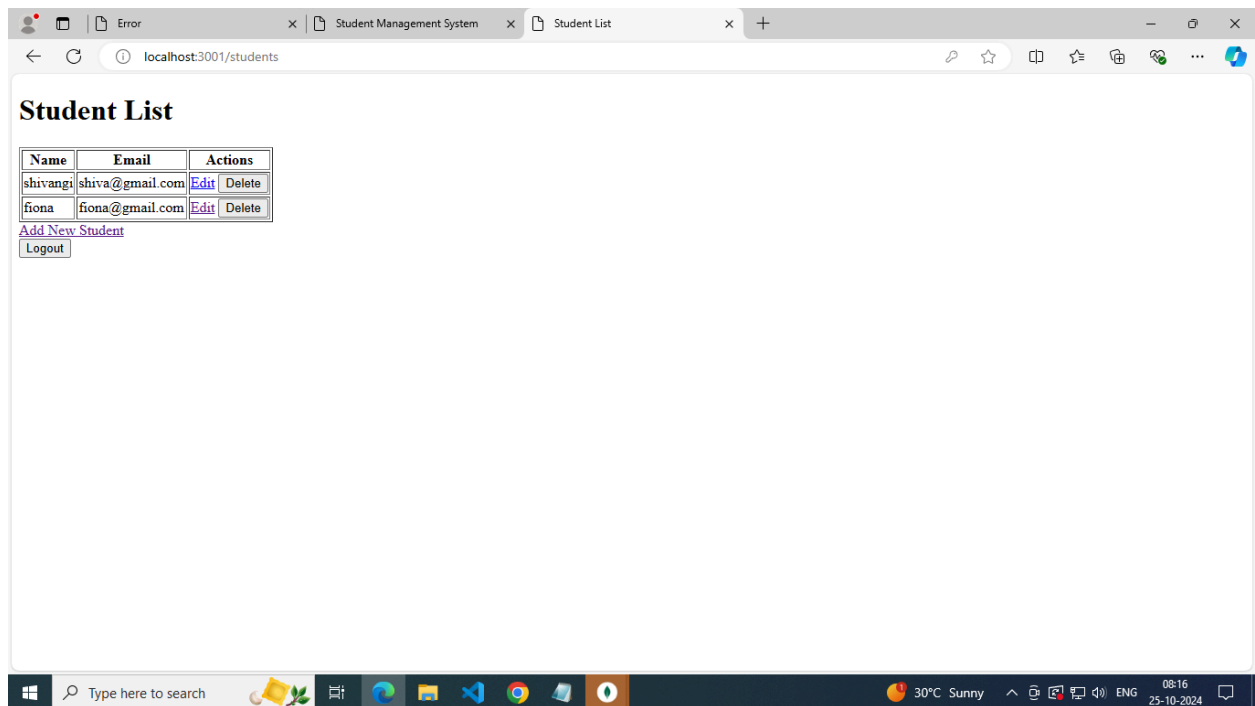
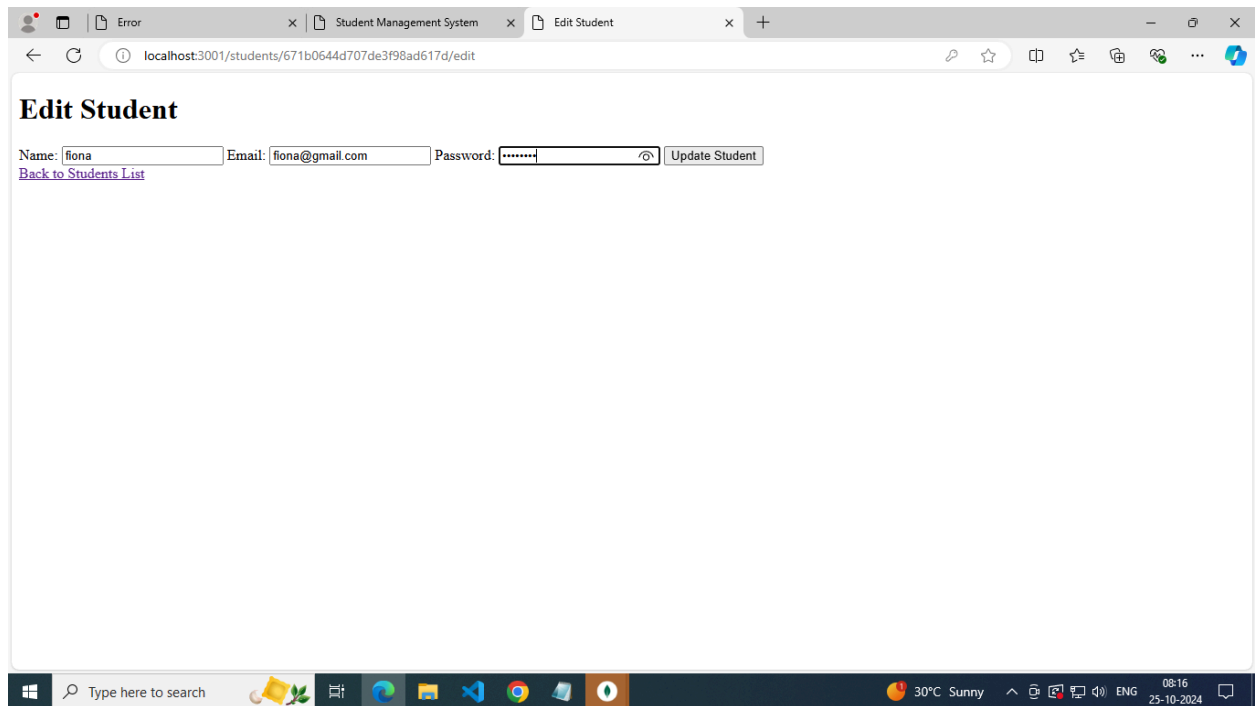
//login



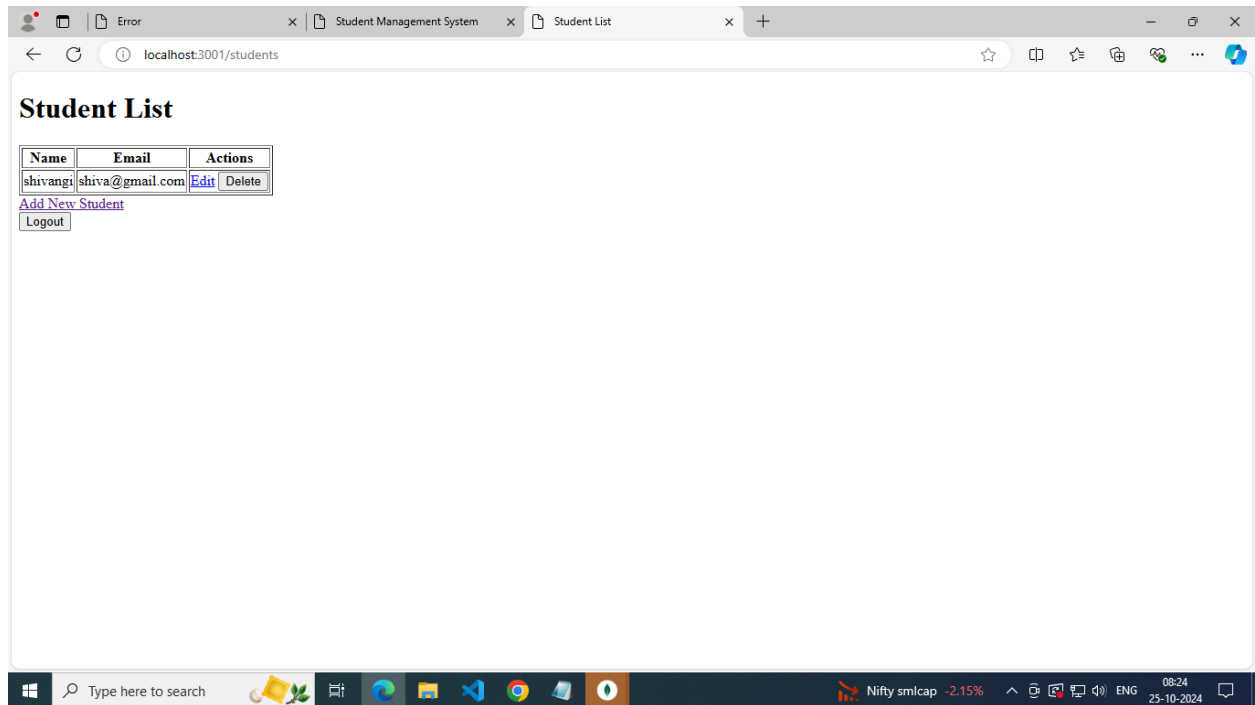


Update





//Delete



Q:5

//server.js

```
const express = require('express');
const mongoose = require('mongoose');
const jwt = require('jsonwebtoken');
const bcrypt = require('bcryptjs');
const cors = require('cors');
const path = require('path');
const session = require('express-session');
const methodOverride = require('method-override');
const app = express();
const PORT = process.env.PORT || 8001;

// Middleware
app.use(express.json());
app.use(express.urlencoded({ extended: true }));
app.use(methodOverride('_method')); // For PUT and DELETE methods
app.use(cors());
app.set('view engine', 'ejs');
```



```

// Set views directory
app.set('views', path.join(__dirname, 'views'));
app.use(express.static(path.join(__dirname, 'public')));

// Session setup
app.use(session({
  secret: 'your_secret_key',
  resave: false,
  saveUninitialized: true,
}));

// Connect to MongoDB
mongoose.connect('mongodb://localhost:27017/employeeDB', { useNewUrlParser: true,
useUnifiedTopology: true })
  .then(() => console.log('MongoDB connected'))
  .catch(err => console.error(err));

// Employee Schema
const employeeSchema = new mongoose.Schema({
  name: String,
  email: { type: String, unique: true },
  password: String
});

const Employee = mongoose.model('Employee', employeeSchema);

// Middleware for JWT verification
const authenticateJWT = (req, res, next) => {
  const token = req.session.token;
  if (!token) return res.redirect('/login'); // Redirect to login if not logged in

  jwt.verify(token, 'your_jwt_secret', (err, user) => {
    if (err) return res.redirect('/login'); // Redirect if token is invalid
    req.user = user;
    next();
  });
};

// Routes

// Registration Page
app.get('/register', (req, res) => {
  res.render('register');
}

```

```
});
```

```
// Register new employee
```

```
app.post('/register', async (req, res) => {  
  const hashedPassword = await bcrypt.hash(req.body.password, 10);  
  const newEmployee = new Employee({  
    name: req.body.name,  
    email: req.body.email,  
    password: hashedPassword  
  });
```

```
  try {  
    await newEmployee.save();  
    res.redirect('/login'); // Redirect to login page after registration  
  } catch (error) {  
    res.status(400).send('Error registering employee');  
  }  
});
```

```
// Login Page
```

```
app.get('/login', (req, res) => {  
  res.render('login');  
});
```

```
// Login employee
```

```
app.post('/login', async (req, res) => {  
  const employee = await Employee.findOne({ email: req.body.email });  
  if (employee && (await bcrypt.compare(req.body.password, employee.password))) {  
    const token = jwt.sign({ email: employee.email }, 'your_jwt_secret', { expiresIn: '1h' });  
    req.session.token = token;  
    res.redirect('/employees'); // Redirect to the employee list page after login  
  } else {  
    res.status(403).send('Invalid credentials');  
  }  
});
```

```
// Logout
```

```
app.post('/logout', (req, res) => {  
  req.session.destroy(err => {  
    if (err) return res.status(500).send('Could not log out');  
    res.redirect('/login');  
  });  
});
```

```

// View all employees (Protected route)
app.get('/employees', authenticateJWT, async (req, res) => {
  try {
    const employees = await Employee.find();
    res.render('employeeList', { employees });
  } catch (error) {
    res.status(500).send('Error retrieving employees');
  }
});

// Add employee form (Protected route)
app.get('/employees/new', authenticateJWT, (req, res) => {
  res.render('addEmployee');
});

// Handle adding a new employee
app.post('/employees', authenticateJWT, async (req, res) => {
  const hashedPassword = await bcrypt.hash(req.body.password, 10);
  const newEmployee = new Employee({
    name: req.body.name,
    email: req.body.email,
    password: hashedPassword
  });

  try {
    await newEmployee.save();
    res.redirect('/employees');
  } catch (error) {
    res.status(400).send('Error creating employee');
  }
});

// Update employee form (Protected route)
app.get('/employees/:id/edit', authenticateJWT, async (req, res) => {
  try {
    const employee = await Employee.findById(req.params.id);
    res.render('editEmployee', { employee });
  } catch (error) {
    res.status(400).send('Error retrieving employee');
  }
});

// Handle updating an employee
app.put('/employees/:id', authenticateJWT, async (req, res) => {

```

```

const updateData = {
  name: req.body.name,
  email: req.body.email,
};

if (req.body.password) {
  updateData.password = await bcrypt.hash(req.body.password, 10);
}

try {
  await Employee.findByIdAndUpdate(req.params.id, updateData);
  res.redirect('/employees');
} catch (error) {
  res.status(400).send('Error updating employee');
}
});

// Handle deleting an employee
app.delete('/employees/:id', authenticateJWT, async (req, res) => {
  try {
    await Employee.findByIdAndDelete(req.params.id);
    res.redirect('/employees');
  } catch (error) {
    res.status(400).send('Error deleting employee');
  }
});

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

```

//register.ejs

```

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

```

```

<h1>Register</h1>
<form action="/register" method="POST">
  <div>
    <label for="name">Name:</label>
    <input type="text" id="name" name="name" required>
  </div>
  <div>
    <label for="email">Email:</label>
    <input type="email" id="email" name="email" required>
  </div>
  <div>
    <label for="password">Password:</label>
    <input type="password" id="password" name="password" required>
  </div>
  <button type="submit">Register</button>
</form>
<p>Already have an account? <a href="/login">Login here</a></p>
</div>
<script src="/script.js"></script>
</body>
</html>

```

// login.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Login</title>
  <link rel="stylesheet" href="/styles.css">
</head>
<body>
  <div class="container">
    <h1>Login</h1>
    <form action="/login" method="POST">
      <div>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
      </div>
      <div>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>
      </div>
    </form>
  </div>

```

```

        <button type="submit">Login</button>
    </form>
    <p>Don't have an account? <a href="/register">Register here</a></p>
</div>
<script src="/script.js"></script>
</body>
</html>

```

//employeeList.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Employee List</title>
    <link rel="stylesheet" href="/styles.css"> <!-- Link to your CSS file -->
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script> <!-- Optional jQuery -->
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
        }
        h1 {
            text-align: center;
        }
        table {
            width: 100%;
            border-collapse: collapse;
            margin-top: 20px;
        }
        table, th, td {
            border: 1px solid #ddd;
        }
        th, td {
            padding: 8px;
            text-align: left;
        }
        th {
            background-color: #f2f2f2;
        }
        tr:hover {
            background-color: #f1f1f1;
        }
    </style>

```

```

.action-buttons {
  display: flex;
  justify-content: space-between;
  margin: 10px 0;
}
a {
  text-decoration: none;
  color: white;
  padding: 10px 15px;
  border-radius: 5px;
}
.add-button {
  background-color: #4CAF50; /* Green */
}
.logout-button {
  background-color: #f44336; /* Red */
}
.edit-button {
  color: #007BFF; /* Blue color for the Edit link */
  text-decoration: underline; /* Underline for better visibility */
}
.edit-button:hover {
  color: #0056b3; /* Darker blue on hover */
}
.delete-button {
  color: red; /* Red for delete button */
  border: none;
  background: none;
  cursor: pointer;
}
</style>
</head>
<body>
  <h1>Employee List</h1>

  <div class="action-buttons">
    <a href="/employees/new" class="add-button">Add Employee</a>
    <form action="/logout" method="POST">
      <button type="submit" class="logout-button">Logout</button>
    </form>
  </div>

  <table>
    <thead>

```

```

        <tr>
            <th>Name</th>
            <th>Email</th>
            <th>Actions</th>
        </tr>
    </thead>
    <tbody>
        <% employees.forEach(employee => { %>
            <tr>
                <td><%= employee.name %></td>
                <td><%= employee.email %></td>
                <td>
                    <a href="/employees/<%= employee._id %>/edit" class="edit-button">Edit</a>
                    <form action="/employees/<%= employee._id %>?_method=DELETE"
method="POST" style="display:inline;">
                        <button type="submit" class="delete-button">Delete</button>
                    </form>
                </td>
            </tr>
            <% }); %>
        </tbody>
    </table>
</body>
</html>

```

//addEmployee.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Add Employee</title>
    <link rel="stylesheet" href="/styles.css">
</head>
<body>
    <div class="container">
        <h1>Add New Employee</h1>
        <form action="/employees" method="POST">
            <div>
                <label for="name">Name:</label>
                <input type="text" id="name" name="name" required>
            </div>
            <div>

```



```

        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
    </div>
</div>
    <label for="password">Password:</label>
    <input type="password" id="password" name="password" required>
</div>
    <button type="submit">Add Employee</button>
</form>
    <a href="/employees" class="btn">Back to Employee List</a>
</div>
<script src="/script.js"></script>
</body>
</html>

```

//editEmployee.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Edit Employee</title>
    <link rel="stylesheet" href="/styles.css">
</head>
<body>
    <div class="container">
        <h1>Edit Employee</h1>
        <form action="/employees/<%= employee._id %>?_method=PUT" method="POST">
            <div>
                <label for="name">Name:</label>
                <input type="text" id="name" name="name" value="<%= employee.name %>"
required>
            </div>
            <div>
                <label for="email">Email:</label>
                <input type="email" id="email" name="email" value="<%= employee.email %>"
required>
            </div>
            <div>
                <label for="password">New Password (leave blank to keep current):</label>
                <input type="password" id="password" name="password">
            </div>
            <button type="submit">Update Employee</button>

```

```
        </form>
        <a href="/employees" class="btn">Back to Employee List</a>
    </div>
    <script src="/script.js"></script>
</body>
</html>
```

//style.css

```
body {
    font-family: Arial, sans-serif;
    margin: 20px;
    background-color: #f4f4f4;
}

.container {
    max-width: 600px;
    margin: auto;
    background: white;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

h1 {
    color: #333;
}

form {
    margin-bottom: 20px;
}

input {
    margin: 5px 0;
    padding: 10px;
    width: calc(100% - 22px);
    border: 1px solid #ccc;
    border-radius: 5px;
}

button, .btn {
    padding: 10px 15px;
    background-color: #007BFF;
    color: white;
```

```
border: none;
border-radius: 5px;
cursor: pointer;
}

button:hover, .btn:hover {
    background-color: #0056b3;
}

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

li {
    padding: 10px;
    border-bottom: 1px solid #ddd;
}
```

//script.js

```
// Example JavaScript code for future enhancements
$(document).ready(function() {
    // Any JavaScript or jQuery code can be placed here
    console.log("Document is ready!");
});
```

//register

The screenshot shows a web browser window with the address bar displaying "localhost:8001/register". The page contains a "Register" form with the following elements:

- Name:** A text input field containing "shivangi".
- Email:** A text input field containing "shiva@gmail.com".
- Password:** A password input field with a toggle icon on the right.
- Register:** A blue button.
- Already have an account?** A link labeled "Login here" in blue text.

The Windows taskbar at the bottom shows the system clock as 08:58 on 25-10-2024, with a temperature of 33°C and weather "Sunny".

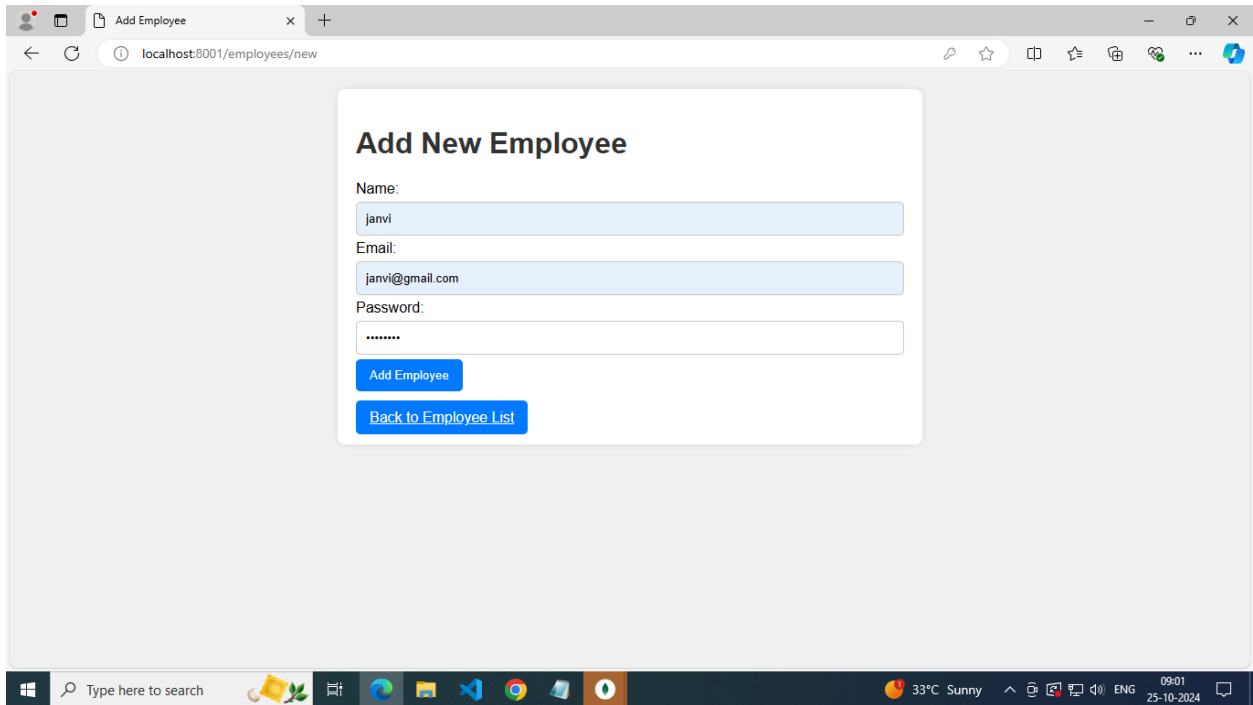
//Login

The screenshot shows a web browser window with the address bar displaying "localhost:8001/login". The page contains a "Login" form with the following elements:

- Email:** A text input field containing "shiva@gmail.com".
- Password:** A password input field with a toggle icon on the right.
- Login:** A blue button.
- Don't have an account?** A link labeled "Register here" in blue text.

The Windows taskbar at the bottom shows the system clock as 08:59 on 25-10-2024, with a temperature of 33°C and weather "Sunny".

//Addemployee

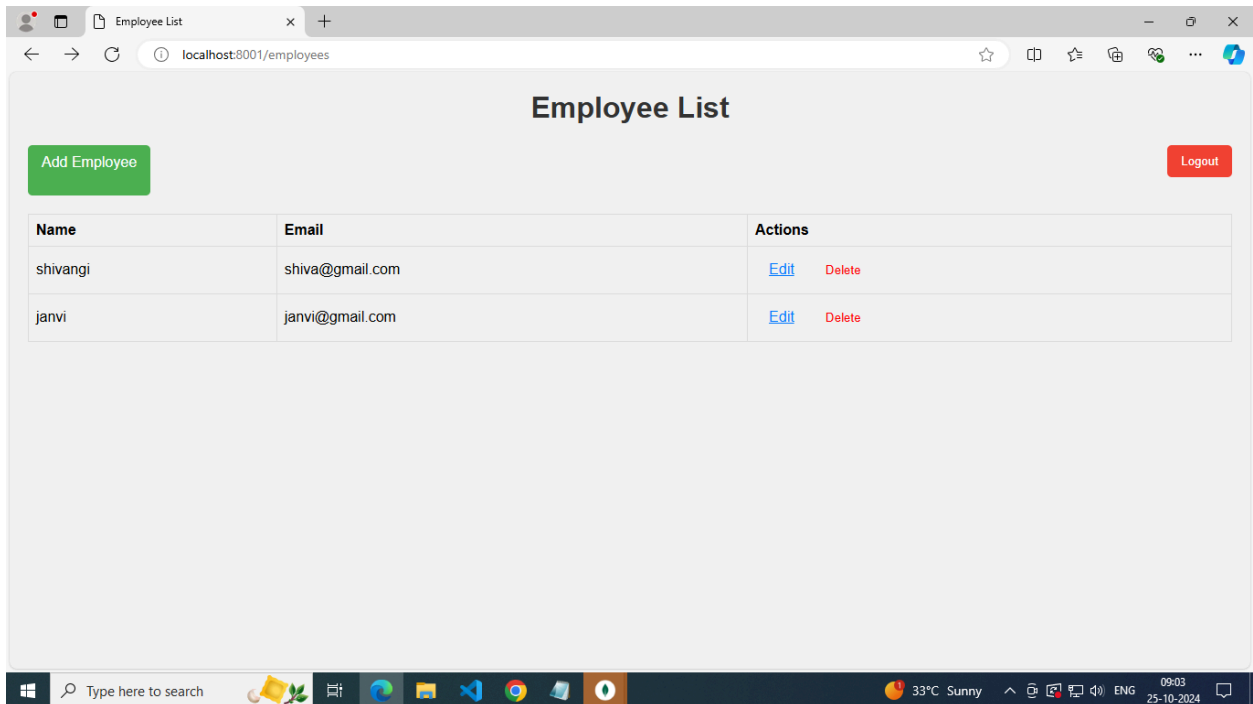


The screenshot shows a web browser window with the address bar displaying 'localhost:8001/employees/new'. The page title is 'Add Employee'. The main content is a form titled 'Add New Employee' with the following fields and buttons:

- Name:
- Email:
- Password:
- [Add Employee](#) (blue button)
- [Back to Employee List](#) (blue button)

The Windows taskbar at the bottom shows the search bar, task view, and several application icons. The system tray on the right indicates a temperature of 33°C, sunny weather, and the date/time 09:01 on 25-10-2024.

//EmployeeList

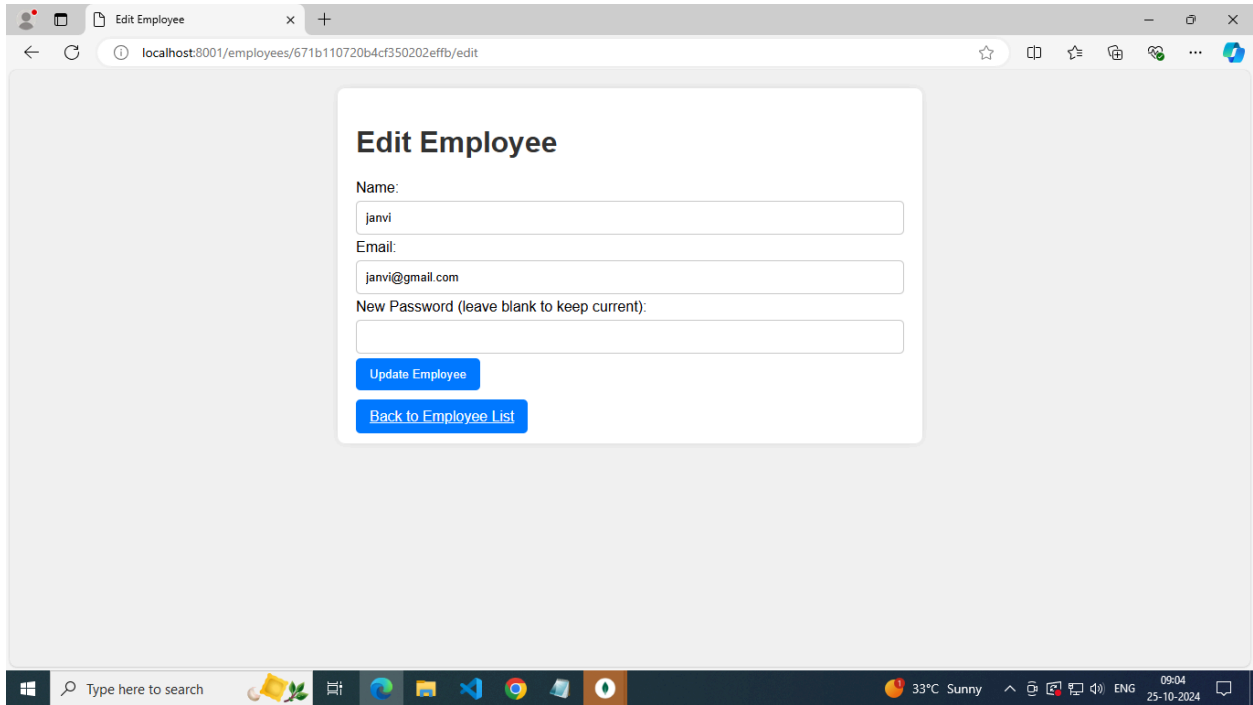


The screenshot shows a web browser window with the address bar displaying 'localhost:8001/employees'. The page title is 'Employee List'. The page contains a table of employees, a green 'Add Employee' button, and a red 'Logout' button.

Name	Email	Actions
shivangi	shiva@gmail.com	Edit Delete
janvi	janvi@gmail.com	Edit Delete

The Windows taskbar at the bottom shows the search bar, task view, and several application icons. The system tray on the right indicates a temperature of 33°C, sunny weather, and the date/time 09:02 on 25-10-2024.

//EditEmployee



A screenshot of a web browser displaying the 'Edit Employee' form. The browser's address bar shows the URL 'localhost:8001/employees/671b110720b4cf350202effb/edit'. The form is titled 'Edit Employee' and contains three input fields: 'Name' with the value 'janvi', 'Email' with the value 'janvi@gmail.com', and 'New Password (leave blank to keep current):' which is empty. Below the input fields are two blue buttons: 'Update Employee' and 'Back to Employee List'. The Windows taskbar at the bottom shows the search bar, task view icon, and several application icons, along with system information: 33°C Sunny, ENG, and the date 25-10-2024.

Edit Employee

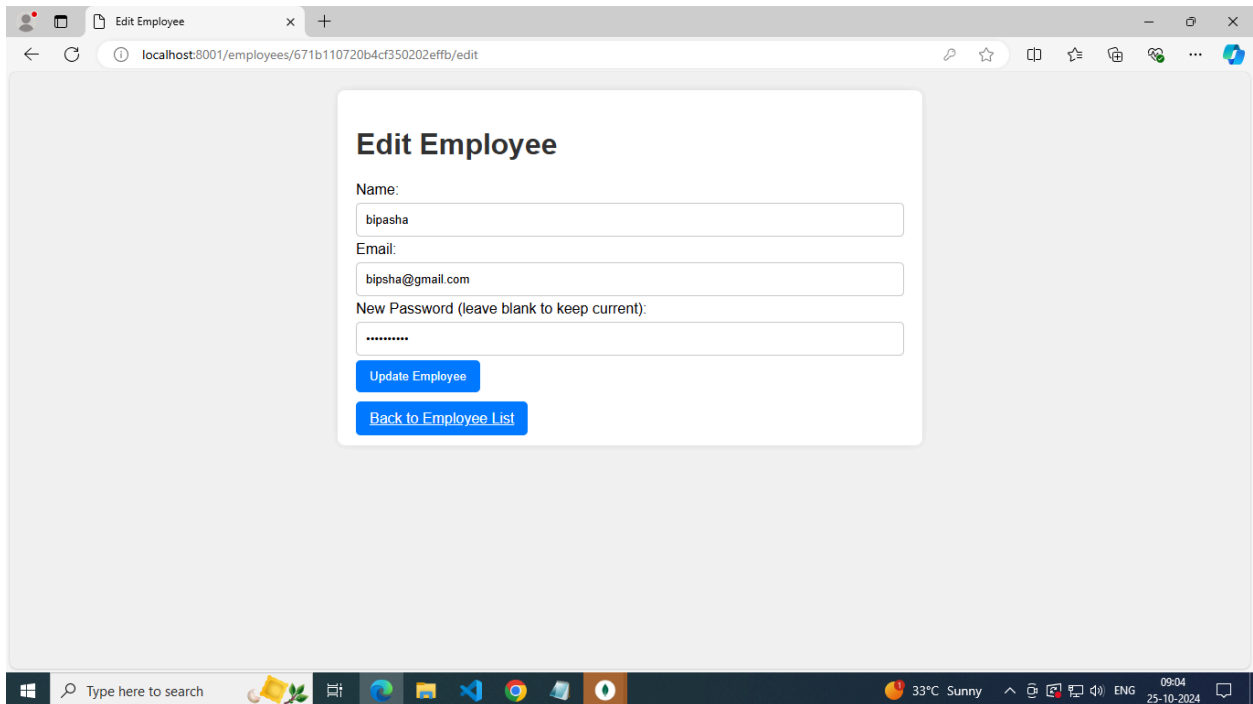
Name:

Email:

New Password (leave blank to keep current):

[Update Employee](#)

[Back to Employee List](#)



A screenshot of the same 'Edit Employee' form, but with the data for 'bipasha'. The 'Name' field contains 'bipasha', the 'Email' field contains 'bipasha@gmail.com', and the 'New Password' field contains a series of dots. The 'Update Employee' and 'Back to Employee List' buttons are still present. The browser's address bar and the Windows taskbar at the bottom are identical to the first screenshot.

Edit Employee

Name:

Email:

New Password (leave blank to keep current):

[Update Employee](#)

[Back to Employee List](#)

//updated data

Employee List

Add Employee Logout

Name	Email	Actions
shivangi	shiva@gmail.com	Edit Delete
bipasha	bipsha@gmail.com	Edit Delete

Type here to search 33°C Sunny 09:04 25-10-2024