Subject code & Name	:	**CSE304 & Full Stack Development**	Practical	:	**15**	Academic Year	:	**2024-25**

Task - 15

Aim

Create Session Program with Create, Read, Remove Operation.

Code

app.js

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

const app = express();
const PORT = 3000;

app.set('view engine', 'ejs');
app.use(bodyParser.urlencoded({ extended: false }));

app.get('/', (req, res) => {
  const message = req.query.message || null;
  res.render('session-home', { message });
});

app.post('/create-session', (req, res) => {
  req.session.username = req.body.username;
  res.redirect('/?message=Session created successfully');
});

app.get('/read-session', (req, res) => {
  const username = req.session.username || 'No session found';
  const message = req.query.message || null;
  res.render('session-read', { username, message });
});

app.post('/remove-session', (req, res) => {
  req.session.destroy((err) => {
    if (err) {
      return res.redirect('/?message=Error removing session');
    }
    res.redirect('/?message=Session removed successfully');
  });
```

```
});

app.listen(PORT, () => {
  console.log(`Server running on port ${PORT}`);
});
```

Session-home.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Session Management</title>
</head>
<body>
    <h1>Session Management</h1>
    <% if (message) { %>
        <p><strong><%= message %></strong></p>
    <% } %>
    <form action="/create-session" method="POST">
        <label for="username">Username:</label>
        <input type="text" name="username" required>
        <button type="submit">Create Session</button>
    </form>
    <a href="/read-session">Read Session</a>
</body>
</html>
```

Session-read.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Read Session</title>
</head>
<body>
    <h1>Session Details</h1>
    <% if (message) { %>
        <p><strong><%= message %></strong></p>
    <% } %>
    <p>Username: <strong><%= username %></strong></p>
    <form action="/remove-session" method="POST">
        <button type="submit">Remove Session</button>
```

```
    </form>
    <a href="/">Back to Home</a>
  </body>
</html>
```

Output

15.1 session Management

15.2 session created

Session Details

Username: **siddhit**

[Remove Session]

Back to Home

15.3 session read page

Session Management

Session removed successfully

Username: [_____] [Create Session]

Read Session

15.4 session is removed

Signature :