

Subject code & Name	:	CSE304 & Full Stack Development	Practical	:	16	Academic Year	:	2024-25
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Task - 16

Aim

Create Contact Form and on Click Event send Data on your EmailID.

Code

app.js

```
const express = require('express');
const nodemailer = require('nodemailer');
const router = express.Router();

router.get('/contact', (req, res) => {
  const message = req.query.message || null;
  res.render('contact', { title: 'Contact Us', message });
});

router.post('/contact', async (req, res) => {
  const { name, email, message: userMessage } = req.body;

  const transporter = nodemailer.createTransport({
    host: "smtp.gmail.com",
    port: 587,
    secure: false,
    auth: {
      user: "your-email@gmail.com", // Your email
      pass: "your-email-password", // Your email password or app password
    },
  });

  try {
    await transporter.sendMail({
      from: `${name} <${email}>`, // sender address
      to: "recipient@example.com", // Replace with your recipient email
      subject: `Contact Form Submission from ${name}`, // Subject line
      text: userMessage, // plain text body
      html: `<p>${userMessage}</p>`, // html body
    });

    res.redirect('/contact?message=Message sent successfully!');
  } catch (error) {
```

```
    console.error(error);
    res.redirect('/contact?message=Error sending message. Please try again.');
```

```
  }
});
```

```
module.exports = router;
```

contact.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title><%= title %></title>
</head>
<body>
  <h1>Contact Us</h1>
  <% if (message) { %>
    <p><strong><%= message %></strong></p>
  <% } %>
  <form action="/contact" method="POST">
    <label for="name">Name:</label>
    <input type="text" name="name" required><br><br>

    <label for="email">Email:</label>
    <input type="email" name="email" required><br><br>

    <label for="message">Message:</label>
    <textarea name="message" required></textarea><br><br>

    <button type="submit">Send</button>
  </form>
</body>
</html>
```

Output

Contact Us

Name: Email: Message: **16.1 contact us**

Contact Us

Message sent successfully!Name: Email: Message: **16.2 message sent****Signature :**