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| Practical: 19 | *// Create Email sending Page which contains To, From, CC, BCC, Subject and*  *// Message body field.*  *// Note:*  *// • Explore How send email with attachments*  *// • Create and apply email template before sending email*  *// src/app.js*  const express = require('express');  const nodemailer = require('nodemailer');  const bodyParser = require('body-parser');  const dotenv=require('dotenv');  dotenv.config();  const app = express();  const PORT = process.env.PORT || 3000;  *// Middleware for parsing JSON and form data*  app.use(bodyParser.urlencoded({ extended: false }));  app.use(bodyParser.json());  *// Setup Nodemailer with your email service provider's SMTP details*  const transporter = nodemailer.createTransport({      host: process.env.EMAIL\_HOST,      port: process.env.EMAIL\_PORT,      secure: false,      requireTLS: true,      auth: {          user: process.env.EMAIL\_MAILER,          pass: process.env.EMAIL\_PASS,      },  });  *// Serve a simple HTML form for email sending*  app.get('/', (req, res) => {    res.send(`      <h1>Email Sending Page</h1>      <form method="POST" action="/send">        <label for="to">To:</label>        <input type="email" name="to" required><br>        <label for="from">From:</label>        <input type="email" name="from" required><br>        <label for="cc">CC:</label>        <input type="email" name="cc"><br>        <label for="bcc">BCC:</label>        <input type="email" name="bcc"><br>        <label for="subject">Subject:</label>        <input type="text" name="subject" required><br>        <label for="message">Message:</label>        <textarea name="message" rows="4" cols="50" required></textarea><br>        <button type="submit">Send Email</button>      </form>    `);  });  *// Handle POST request to send an email*  app.post('/send', (req, res) => {    const { to, from, cc, bcc, subject, message } = req.body;  *// Create email message*    const mailOptions = {      from,      to,      cc,      bcc,      subject,      text: message,    };  *// Send the email*    transporter.sendMail(mailOptions, (error, info) => {      if (error) {        console.error(error);        res.status(500).send('Email sending failed. Please try again later.');      } else {        console.log('Email sent: ' + info.response);        res.status(200).send('Email sent successfully!');      }    });  });  *// Start the server*  app.listen(PORT, () => {    console.log(`Server is running on port ${PORT}`);  }); |