**JAVA ASSIGNMENT-EMAIL PROJECT**

**NAME:karthika.k**

**ROLLNO:15L124**

**DEPT:ECE**

**Class : EmailService**

package com.test;

import java.util.Properties;

import javax.mail.BodyPart;

import javax.mail.Message;

import javax.mail.MessagingException;

import javax.mail.Multipart;

import javax.mail.Session;

import javax.mail.Transport;

import javax.mail.internet.AddressException;

import javax.mail.internet.InternetAddress;

import javax.mail.internet.MimeBodyPart;

import javax.mail.internet.MimeMessage;

import javax.mail.internet.MimeMultipart;

public class EmailService {

public static void send(String to, String subject, String body) {

Properties props = System.getProperties();

props.put("mail.smtp.starttls.enable", true);

props.put("mail.smtp.host", "smtp.gmail.com");

props.put("mail.smtp.user", "karthikakrkp20");

props.put("mail.smtp.password", "krkp2010");

props.put("mail.smtp.port", "587");

props.put("mail.smtp.auth", true);

props.put("mail.smtp.ssl.trust", "smtp.gmail.com");

Session session = Session.getInstance(props,null);

MimeMessage message = new MimeMessage(session);

System.out.println("Port: "+session.getProperty("mail.smtp.port"));

try {

InternetAddress from = new InternetAddress("karthikakrkp20@gmail.com");

message.setSubject(subject);

message.setFrom(from);

message.addRecipients(Message.RecipientType.TO, InternetAddress.parse(to));

Multipart multipart = new MimeMultipart("alternative");

BodyPart messageBodyPart = new MimeBodyPart();

messageBodyPart.setText("some text to send");

multipart.addBodyPart(messageBodyPart);

messageBodyPart = new MimeBodyPart();

String htmlMessage = body;

messageBodyPart.setContent(htmlMessage, "text/html");

multipart.addBodyPart(messageBodyPart);

message.setContent(multipart);

Transport transport = session.getTransport("smtp");

transport.connect("smtp.gmail.com", "karthikakrkp20", "krkp2010");

System.out.println("Transport: "+transport.toString());

transport.sendMessage(message, message.getAllRecipients());

} catch (AddressException e) {

e.printStackTrace();

} catch (MessagingException e) {

e.printStackTrace();

}

}

}

**Class : Email**

package com.test;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Email

\*/

@WebServlet("/Email")

public class Email extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Email() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

response.getWriter().append("mail sent ").append(request.getContextPath());

//response.getWriter().append("mail sent ");

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

String emailname = request.getParameter("emailname");

String subject = request.getParameter("subject");

String body = request.getParameter("body");

EmailService.send(emailname,subject,body);

doGet(request, response);

}

}

**HTML : email.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"Email"* method=*"post"*>

<input type=*"text"* name=*"emailname"* />

<input type=*"text"* name=*"subject"* />

<input type=*"text"* name=*"body"* />

<input type=*"submit"* value=*"ok"* />

</form>

</body>

</html>