

NAME : SWAATHI V

REG NO : 15L347

EMAIL SERVLET

**EmailService.java**

```
package org.sample;
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 Email2 {
    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", "swaavj");
        props.put("mail.smtp.password", "swaavj2728");
        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("swaavj@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", "swaavj", "swaavj2728");
System.out.println("Transport: "+transport.toString());
transport.sendMessage(message, message.getAllRecipients());
} catch (AddressException e) {
e.printStackTrace();
} catch (MessagingException e) {
e.printStackTrace();
}
}
}
}
Email.java
package org.sample;
```

```

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;
    /**
     * Default constructor.
     */
    public Email() {
        // 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("Served at: ").append(request.getContextPath());
        Email2.send("vjsaibaba17@gmail.com", "hai", "hello");
    }
    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
        ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);
    }
}
mail.html

```

```
<!DOCTYPEhtml>
<html>
<head>
<metacharset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<formaction="email"method="post">
<inputtype="text"name="mailid" placeholder="EMAIL-ID"/>
<inputtype="text"name="subject" placeholder="SUBJECT"/>
<inputtype="text"name="body"placeholder="BODY"/>
<inputtype="submit"/>
</form>
</body>
</html>
```