

1. Create a custom JSP tag <email to=toaddress from=fromaddress cc=addresses  
Sub=subject > mail content </email>

The tag when used must send a mail with the body as mail content?

```
<!-- @ page import = "java.io.* , java.util.* , javax.mail.* " %-->
```

```
<!-- @ page import = "javax.mail.internet.* , javax.activation.* " %-->
```

```
<!-- @ page import = "javax.servlet.http.* , javax.servlet.* " %-->
```

```
<!--
```

```
String result;
```

```
String to = "sdivya@gmail.com";
```

```
String from = "SS0301@gmail.com";
```

```
String sub = "Message";
```

```
String host = "localhost";
```

```
Properties properties = System.getProperties();
```

```
properties.setProperty("mail.smtp.host", host);
```

```
Session mailSession = Session.getDefaultInstance(properties);
```

```
try {
```

```
    MimeMessage msg = new MimeMessage(mailSession);
```

```
    message.setFrom(new InternetAddress(from));
```

```
    message.addRecipient(Message.RecipientType.TO, new InternetAddress(to));
```

```
    message.setText("Hi Good morning. How are you!");
```

```
    Transport.send(message);
```

```
    result = "Sent message Successfully---";
```

```
    } catch (MessagingException mex) {
```

```
        mex.printStackTrace();
```

```
        result = "Error: unable to send message---";
```

```
    }
```

```
%-->
```

```
</html>
```

```
<head>
```

```
<title> Send Email using JSP </title>
```

```

</head>
<body>
  <center>
    <h1>Send email using JSP </h1>
  </center>
  <p align="center">
    <!.
      out.println ("Result: "+result+"\n");
    </!>
  </p>
</body>
</html>

```

Output

Send Email using JSP

Result: Sent message Successfully---

- 2, Create a PHP to redirect the user to another page by displaying "The requested url has been moved to a different host" for 15 seconds along with the name of the host to which it is being redirected when the user is invalid?

```

<!doctype html>
<html>
  <head>
    <title>Redirect </title>
  </head>
  <body>
    <?php
      if ($_SERVER['REQUEST_METHOD'] == 'POST') {
        $comment = $_POST['comment'];
        $name = $_POST['name'];
        if ($comment && $name) {
          header('location: homepage.html');

```

```

    }
    else {
        ?>
        <script type="text/javascript">
            alert ("The requested url has been moved to different
                    host");
        </script>
        <?php
    }
}
?>
<form action="comment.php" method="POST">
    <input type="text" name="Name">
    <textarea name="comment"></textarea>
    <input type="submit" value="Submit">
</form>
</body>
</html>

```

Create a web service client to consume a rest based service hosted at below link to read the user data?

<http://dummy.restapiexample.com/api/v1/employee/>

```

String URL = "http://dummy.restapiexample.com/api/v1/employee/";
String ws_method_name = "get-Manager ListByRoleID";
String ws_method_Params = "";
HttpClient httpClient = new DefaultHttpClient();
HttpContext httpContext = new BasicHttpContext();

```

```
HttpGet httpGet = new HttpGet (URL + ws_method_name + ws_method_params);  
String text = null;  
try {  
    HttpResponse httpResponse = httpClient.execute (httpGet, httpContext);  
    HttpEntity entity = httpResponse.getEntity();  
    text = get ASCII Content From Entity (entity);  
} catch (Exception) {  
    e.printStackTrace();  
}
```