```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
        pageEncoding="ISO-8859-1" isELIgnored="false"%>
<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>


<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>SSE3305 Individual Assignment</title>
<link rel="stylesheet"
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<style>
.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: #187B9F;
    color: white;
    text-align: center;
}
</style>

<script type="text/javascript">

    function validateForm() {

        var daysofmontharray=new Array(31,28,31,30,31,30,31,31,30,31,30,31)
        tform=document.form1;

         b=parseInt(tform.tlahir2.value);
            if  (isNaN(b) || ((b==0) || (b>12))) {
                  alert("Wrong Birthdate!!");
                  return false;
            }

            h=parseInt(tform.tlahir1.value);
```

```
bul=parseInt(tform.tlahir2.value);
if (isNaN(b) || ((h==0) || (h>daysofmontharray[bul-1]))) {
      alert("Wrong Birthdate!!");
      return false;
}

th=tform.tlahir3.value;
if(th.length!==4) {
      alert("Year of Birthdate must be four digits!");
      return false;
}

b=parseInt(tform.tmkhidmat2.value);
if(isNaN(b) || ((b==0) || (b>12))) {
      alert("Wrong Service Commencement Date!!");
      return false;
}

h=parseInt(tform.tmkhidmat1.value);
bul=parseInt(tform.tmkhidmat2.value);
if(isNaN(h) || ((h==0) || (h>daysofmontharray[bul-1]))) {
      alert("Wrong Service Commencement Date!!");
      return false;
}

th=tform.tmkhidmat3.value;
if(th.length!==4) {
      alert("Year of Service Commencement Date must be four digits!");
      return false;
}

if(isNaN(parseInt(tform.gaji.value))) {
      alert("Wrong Salary!!");
      return false;
}

if(isNaN(parseInt(tform.imbuhant.value))) {
      alert("Wrong Allowance!!");
      return false;
```

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    }

    if(isNaN(parseInt(tform.gcuti.value))) {
         alert("Wrong Cash Award In Lieu of Leave!!");
         return false;
    }

    if (tform.cutitahun.value==null || tform.cutitahun.value==""){
         tform.cutitahun.value = 00;
    }

    if (tform.cutibulan.value==null || tform.cutibulan.value==""){
         tform.cutibulan.value = 00;
    }

    if (tform.cutihari.value==null || tform.cutihari.value==""){
         tform.cutihari.value=00;
    }

if(isNaN(parseInt(tform.cutitahun.value))) {
         alert("Wrong Unpaid Leave!!");
         return false;
    }

if(isNaN(parseInt(tform.cutibulan.value))) {
         alert("Wrong Unpaid Leave!!");
         return false;
    }

if(isNaN(parseInt(tform.cutihari.value))) {
         alert("Wrong Unpaid Leave!!");
         return false;
    }


    if ((tform.jantina[0].checked!=1) && (tform.jantina[1].checked!=1)) {
         alert("Wrong Genderl!!");
         return false;
    }
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                b=parseInt(tform.tsarapilih2.value);
                  if(isNaN(b) || ((b==0) || (b>12))) {
                        alert("Wrong Optional Retirement Date!!");
                        return false;
                  }

                  h=parseInt(tform.tsarapilih1.value);
                  bul=parseInt(tform.tsarapilih2.value);
                  if(isNaN(h) || ((h==0) || (h>daysofmontharray[bul-1]))) {
                        alert("Wrong Optional Retirement Date!!");
                        return false;
                  }

                  th=tform.tsarapilih3.value;
                  if(th.length!==4) {
                        alert("Wrong Optional Retirement Date!!");
                        return false;
                  }
            }

</script>


</head>
<body>
<form id=form1 name=form1 action="PensionController?action=CALCULATE" onSubmit="return validateForm()"
method="POST">
            <br>

            <hr>
            <div align="center">
            <h2>Software Testing Individual Assignment</h2>
                  <h5>Estimate Computation of Pension, Gratuity, and GCR Payments
                        for Optional Retirement</h5>
            <hr>
            <table border=1>
                  <tr>
                        <td align=right bgcolor="#99CCFF" width="347" height="20"><font
```

```html
                        face="Verdana" size="2">Birth Date:</font></td>
                <td colspan=3 bgcolor="#99CCFF" width="385" height="20"><font
                        size="2" face="Verdana"> <input id=tlahir1 name=tlahir1
                                maxlength=2 size="2" value="${tlahir1}">  /
                </font> <font face="Verdana" size="1"> <font size="2"> <input
                                        id=tlahir2 name=tlahir2 maxlength=2 size="2"
value="${tlahir2}"></font><font
                                        face="Verdana" size="2">  / </font><font size="2"> <input
                                        id=tlahir3 name=tlahir3 maxlength=4 size="4"
value="${tlahir3}"></font><font
                                        face="Verdana" size="2"> </font>
                </font></td>
            </tr>
            <tr>
                <td align=right bgcolor="#CCFFFF" width="347" height="20"><font
                        face="Verdana" size="2">Service Commencement Date:</font></td>
                <td colspan=3 bgcolor="#CCFFFF" width="385" height="20"><font
                        size="2" face="Verdana"> <input id=tmkhidmat1
                                name=tmkhidmat1 maxlength=2 size="2" value="${tmkhidmat1}">
                                 /
                </font> <font face="Verdana" size="1"> <font size="2"> <input
                                        id=tmkhidmat2 name=tmkhidmat2 maxlength=2 size="2"
                                        value="${tmkhidmat2}"></font><font face="Verdana" size="2">
                                         / </font><font size="2"> <input id=tmkhidmat3
                                        name=tmkhidmat3 maxlength=4 size=4
value="${tmkhidmat3}"></font><font
                                        face="Verdana" size="2"> </font>
                </font></td>
            </tr>
            <tr>
                <td align=right bgcolor="#99CCFF" width="347" height="20"><font
                        face="Verdana" size="2">Last Drawn Salary (Substantive)
                                Upon Optional Retirement Date: </font>
                <td colspan=3 bgcolor="#99CCFF" width="385" height="20"><font
                        size="2" face="Verdana"> <input id=gaji name=gaji size=6
                                value="${gaji}">
                </font></td>
            </tr>
            <tr>
```

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        <td align=right bgcolor="#CCFFFF" width="347" height="20"><font
            face="Verdana" size="2">*Fixed Allowances:</font></td>
        <td colspan=3 bgcolor="#CCFFFF" width="385" height="20"><font
            size="2" face="Verdana"> <input id=imbuhant name=imbuhant
                size=6 value="${imbuhant}">
        </font></td>
</tr>
<tr>
        <td align=right bgcolor="#99CCFF" width="347" height="20"><font
            face="Verdana" size="2">Cash Award In Lieu of Leave
                (Maximum 150 Days):</font></td>
        <td colspan=3 bgcolor="#99CCFF" width="385" height="20"><font
            size="2" face="Verdana"> <input id=gcuti name=gcuti size=4
                value="${gcuti}"> Days
        </font></td>
</tr>
<tr>
        <td align=right bgcolor="#CCFFFF" width="347" height="16"><font
            face="Verdana" size="2">Unpaid Leave:</font></td>
        <td bgcolor="#CCFFFF" width="154" height="16"><font size="2">Year</font></td>
        <td bgcolor="#CCFFFF" width="75" height="16"><font size="2">Month</font></td>
        <td bgcolor="#CCFFFF" width="144" height="16"><font size="2">Day</font></td>
</tr>

<tr>
        <td bgcolor="#99CCFF" width="347" height="20"><font size="2"
            face="Verdana">  </font></td>
        <td bgcolor="#99CCFF" width="154" height="20"><font size="2"
            face="Verdana"> <input id=cutitahun name=cutitahun size=2
                value="${cutitahun}">
        </font></td>
        <td bgcolor="#99CCFF" width="75" height="20"><font size="2"
            face="Verdana"> <input id=cutibulan name=cutibulan size=2
                value="${cutibulan}">
        </font></td>
        <td bgcolor="#99CCFF" width="144" height="20"><font size="2"
            face="Verdana"> <input id=cutihari name=cutihari size=4
                value="${cutihari}" onblur="myDefaultVal()">
        </font></td>
```

```
            </tr>
            <tr>
                    <c:set var="jantina" value="${jantina}" />
                    <td bgcolor="#CCFFFF" width="347" valign="top" align="right"
                            height="42"><font face="Verdana" size="2">Gender: </font></td>
                    <td bgcolor="#CCFFFF" width="235" colspan="2" height="42"><font
                            size="2" face="Verdana"> <input type="radio" value="L"
                                    name="jantina" id="jantina"
                                    <c:if test="${jantina=='L'}">checked</c:if>> Male<br>
                    </font> <font face="Verdana" size="1"> <font size="2"> <input
                                    type="radio" value="P" name="jantina" id="jantina"
                                    <c:if test="${jantina=='P'}">checked</c:if>>
                    </font> <font face="Verdana" size="2"> Female</font></font></td>
                    <td bgcolor="#CCFFFF" width="144" height="42"><font size="2"
                            face="Verdana">  </font></td>
            </tr>
            <tr>
                    <td bgcolor="#99CCFF" width="347" valign="top" height="104">
                            <table>
                                    <tr>
                                            <td width="100%" colspan="2" valign="top" height="12"><font
                                                    size="2">Are you a male officer under these
categories:</font></td>
                                    </tr>
                                    <tr>
                                            <td width="10%" valign="top" height="24"><font size="2"
                                                    face="Verdana">(i)</font></td>
                                            <td width="90%" valign="top" height="24"><font size="2">Fire
                                                            Officer (Grade KB11/KB10) or </font></td>
                                    </tr>
                                    <tr>
                                            <td width="10%" valign="top" height="12"><font size="2"
                                                    face="Verdana">(ii)</font></td>
                                            <td width="90%" valign="top" height="12"><font size="2">(ii)
                                                            Police Officer (from Grades Y14 till Y7) or</font></td>
                                    </tr>
                                    <tr>
                                            <td width="10%" valign="top" height="12"><font size="2"
                                                    face="Verdana">(iii)</font></td>
```

```
                        <td width="90%" valign="top" height="12"><font size="2">(iii)
                                        Prison Officer (from Grades KX12 till KX6)
or</font></td>
                                </tr>
                                <tr>
                                        <td width="10%" valign="top" height="12"><font size="2"
                                                face="Verdana">(iv)</font></td>
                                        <td width="90%" valign="top" height="12"><font
                                                face="Verdana" size="2">Mental Hospital Nurse</font></td>
                                </tr>
                        </table>
                <td bgcolor="#99CCFF" width="385" colspan="3" valign="middle"
                        height="104"><font size="2" face="Verdana"> <c:set
                                var="listimewa" value="${listimewa}" /> <input type="radio"
                        value="Y" name="listimewa" id="listimewa"
                        <c:if test="${listimewa=='Y'}">checked</c:if>> Yes<br>
                </font> <font face="Verdana" size="1"> <font size="2"> <input
                                type="radio" value="T" name="listimewa" id="listimewa"
                                <c:if test="${listimewa=='T'}">checked</c:if>></font><font
                        face="Verdana" size="2"> No</font></font></td>
                </tr>
                <tr>
                        <td bgcolor="#CCFFFF" width="347" height="20"><font
                                face="Verdana" size="2">Optional Retirement Date: : </font></td>
                        <td bgcolor="#CCFFFF" width="385" colspan="3" height="20"><font
                                face="Verdana" size="2">  </font> <font face="Verdana"
                        size="2"> <input id=tsarapilih1 name=tsarapilih1
                                maxlength=2 value="${tsarapilih1}" size="2"></font><font
                        face="Verdana" size="2">  / </font> <font face="Verdana"
                        size="2"><font size="2"> <input id=tsarapilih2
                                name=tsarapilih2 maxlength=2 value="${tsarapilih2}"
size="2"></font><font
                                face="Verdana" size="2">  / </font><font size="2"> <input
                                id=tsarapilih3 name=tsarapilih3 maxlength=4
                                value="${tsarapilih3}" size="2"></font><font face="Verdana"
                        size="2"> </font> </font></td>
                </tr>
        </table>
        <hr>
```

```html
            <div>
                    <button type ="button" class="btn btn-info" name="Button" onclick="window.location.href =
'/pensionCalc/readme.jsp'"value="README" >Read Me</button>
                        <button type="submit" class="btn btn-info" name="Button"
value="CALCULATE">Calculate</button>
                        <button type ="reset" class="btn btn-info" name="Button" value="RESET">Reset</button>
            </div>
            <hr>
            <p></p>
        <p style="color: #b50e0e" align=center>${NOTIFICATION}</p>
            <table border=1>
                <tr>
                    <td align="left" bgcolor="#CCFFFF" width="250"> </td>
                    <td align="left" bgcolor="#CCFFFF" colspan="2" width="140"><font
                        size="2" face="Verdana"> <input type="hidden" name="tsara"
                            id="tsara" size="13">
                    </font></td>
                    <td align="right" bgcolor="#CCFFFF" width="220"><font
                        face="Verdana" size="2"><b>Monthly Pension:</b></font></td>
                    <td align="right" bgcolor="#CCFFFF" width="163"><font
                        face="Verdana" size="2"><b>RM</b> </font><font face="Verdana"
                        size="2"> <input id=jumpencen name=jumpencen
                            value="${jumpencen}" size=8></font><font face="Verdana" size="2">
                    </font></td>
                </tr>
                <tr>
                    <td align="left" bgcolor="#99CCFF" width="224"><font
                        face="Verdana" size="2"><b>Retirement Age:</b></font></td>
                    <td align="left" bgcolor="#99CCFF" width="200"><font size="2"
                        face="Verdana"> <input name="umursara1" id="umursara1"
                            value="${umursara1}" size="2">
                    </font> <b><font face="Verdana" size="2">Years </font><font
                            face="Verdana" size="2"> <input name="umursara2"
                                value="${umursara2}" id="umursara2" size="2"></font><font
                            face="Verdana" size="2"> </font></b><font
size="2"><b>Months</b></font></td>
                        <td align="right" bgcolor="#99CCFF" colspan="2" width="177"><font
                            face="Verdana" size="2"><b>Gratuity:</b></font></td>
                        <td align="right" bgcolor="#99CCFF" width="163"><font
```

```html
                                        face="Verdana" size="2"><b>RM </b> </font><font face="Verdana"
                                        size="2"> <input id=jumganjaran name=jumganjaran
                                                value="${jumganjaran}" size=8></font><font face="Verdana"
                                        size="2"> </font></td>
                                </tr>
                                <tr>
                                        <td align="left" bgcolor="#CCFFFF" width="224"><font
                                                face="Verdana" size="2"><b>Reckonable Period of
                                                        Service:</b></font></td>
                                        <td align="left" bgcolor="#CCFFFF" width="140"><font size="2"
                                                face="Verdana"> <input name="bulankhid" id="bulankhid"
                                                        value="${bulankhid}" size="2">
                                        </font> <font size="2"><b>Month</b></font></td>
                                        <td align="right" bgcolor="#CCFFFF" colspan="2" width="220"><font
                                                face="Verdana" size="2"><b>Cash Award in lieu of Leave:</b></font></td>
                                        <td align="right" bgcolor="#CCFFFF" width="163"><font
                                                face="Verdana" size="2"><b>RM </b> </font><font face="Verdana"
                                                size="2"> <input id=jumgcr name=jumgcr value="${jumgcr}"
                                                        size=8></font><font face="Verdana" size="2"> </font></td>
                                </tr>
                        </table>
                        <p>This amount is subjected to debts owing to the
                                Government/employer, if any</p>
                </div>

<div class="footer">
<font face="Verdana" style="font-size: 9pt">
 Software Testing (SSE3305),  Department of Software Engineering and Information System, 
 Faculty of Computer Science and Information Technology,  Universiti Putra Malaysia
</font></div>
</form>
</body>
</html>
```