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ITS362

2/2/2021

Assignment Lab3

Browsers used Google chrome, Brave and Microsoft Edge.

Purdue University Northwest

Grade Average Calculator

Please Enter Your Grade For Each Section

Assignment	Number of points Possible	Number of points earned	Total earnd % points
Lab assignment	250	250	30%
Quiz	100	100	10%
Exam	200	200	30%
Project	100	100	20%
Extra credits	25	25	5%
Participations	75	75	10%

Calculate Your Grade

The grade is determined using the table below:

Earned % Points	Grade
≥ 90	A
≥ 80 but < 90	B
≥ 70 but < 80	C
≥ 60 but < 70	D
< 60	F

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```javascript
 9    function calculator()
10    {
11         var grade1 = parseInt(document.getElementById("lab").value);
12         var grade2 = parseInt(document.getElementById("quiz").value);
13         var grade3 = parseInt(document.getElementById("exam").value);
14         var grade4 = parseInt(document.getElementById("project").value);
15         var grade5 = parseInt(document.getElementById("credit").value);
16         var grade6 = parseInt(document.getElementById("participation").value);
17
18         //(points_earned/total_points_possible) * weight_percentage
19
20         grade1 = (grade1/250) * 0.30;
21         grade2 = (grade2/100) * 0.10;
22         grade3 = (grade3/200) * 0.30;
23         grade4 = (grade4/100) * 0.20;
24         grade5 = (grade5/25) * 0.05;
25         grade6 = (grade6/75) * 0.10;
26
27         var total = (grade1+grade2+grade3+grade4+grade5+grade6) * 100;
28         document.getElementById("resultGrade").value=  total;
29
30         if(total >= 90){
31            location.href = "GradeA.html";
32         }
33         else if(total >= 80 && total < 90) {
34            location.href = "GradeB.html";
35         }
36         else if(total >= 70 && total < 80) {
37            location.href = "GradeC.html";
38         }
39         else if(total >= 60 && total < 70) {
40            location.href = "GradeD.html";
41         }
42         else {
43            location.href = "GradeF.html";
44         }
45
46    }
47
```

```html
1    <!--Ghadir Alfadhl-->
2    <!DOCTYPE html>
3    <html lang="en">
4    <head>
5         <meta charset="UTF-8">
6         <meta name="viewport" content="width=device-width, initial-scale=1.0">
7         <title> Grade Average Calculator </title>
8         <link rel= "stylesheet" href="style.css">
9         <script type="text/javascript" src="calculate.js"> </script>
0    </head>
1
2    <body>
3         <header>
4             <img src="images/Purdue2.png" id="logo" />
5             <h1> Purdue University Northwest</h1>
6         </header>
7
8         <div class="wapper">
9         <br>
0         <main>
1         <p> <b> Grade Average Calculator </b></p>
2         <p>Please Enter Your Grade For Each Section</p>
3         <br>
4
5    <table>
6
7         <tr>
8             <th> <b> Assignment     </b> </th>
9             <th> <b> Number of points Possible   </b> </th>
0             <th> <b> Number of points earned  </b> </th>
1             <th><b> Total earnd % points  </b></th>
2         </tr>
3
4         <tr>
5           <td id="td1"> Lab assignment </td>
6           <td><input type="number" id="lab" size="35" value=""></td>
7           <td>250</td>
8           <td>30%</td>
9         </tr>
0
```

```html
        <tr>
          <td id="td1"> Quiz </td>
          <td><input type="number" id="quiz" width="100px" value=""></td>
          <td>100</td>
          <td>10%</td>
        </tr>

        <tr>
          <td id="td1"> Exam </td>
          <td><input type="number" id="exam" size="35" value=""></td>
          <td>200</td>
          <td>30%</td>
        </tr>

        <tr>
          <td id="td1"> Project </td>
          <td><input type="number" id="project" size="35" value=""></td>
          <td>100</td>
          <td>20%</td>
        </tr>

        <tr>
            <td id="td1"> Extra credits </td>
            <td><input type="number" id="credit" value=""></td>
            <td>25</td>
            <td>5%</td>
        </tr>
        <tr>
            <td id="td1"> Participations </td>
            <td><input type="number" id="participation" value=""></td>
            <td>75</td>
            <td>10%</td>
        </tr>

</table>
        <br><br>
        <div  >
            <input type="button" onclick="calculator()" value="Calculate Your Grade" />
            <span id="resultGrade"></span>
        </div>
```

```html
<br>
<!-- <hr>
<button type="button" onclick="alert()">Click me for a test alert</button> -->

<br>
<hr>

<p id="p1"> <b> The grade is determined using the table below: </b> </p>
    <table id="table2">
        <tr>
        <td> <b> Earned % Points  </b> </td>
        <td> <b> Grade   </b> </td>
        </tr>
        <tr>
            <td id="td1"> &#8805; 90 </td>
            <td> A </td>
        </tr>
        <tr>
            <td id="td1"> &#8805; 80 but &#60; 90 </td>
            <td> B </td>
        </tr>
        <tr>
            <td id="td1"> &#8805; 70 but &#60; 80 </td>
            <td> C </td>
        </tr>
        <tr>
            <td id="td1"> &#8805; 60 but &#60; 70 </td>
            <td> D </td>
        </tr>
        <tr>
            <td id="td1"> &#60; 60 </td>
            <td> F </td>
        </tr>

    </table>
    <br>
    <hr>

    <footer>
```
```html
    <footer>
        Copyright &copy; Purdue University Northwest <br>
        <a href="mailto:ghadir@pnw.edu">ghadir@pnw.edu</a>

    <br><br>
    <div>
        <script>  document.write("This page was last modifiad on: " + document.lastModified) </script>
    </div>
</footer>
    </main>
    </div>
</body>
</html>
```

```css
body {
    background-color: #f8d6a9;
    color: black;
    font-family: Verdana, Arial, sans-serif;


}

.wapper {
    margin: 0 0 0 300px;
    width: 1000px;
    background-color: white;
    position: relative;
    top: -20px;
}

header {
    /*width: 100%; */
    height: 14em;
    /*background: #353331 50%; */
    position: relative;
    margin: 0;
    padding: 0;
    left: -10px;
    top: -20px;
    margin-right: -50px;

    /*Color Gradient */
    background: linear-gradient(to bottom, #000000 50%, #ffe3c1 100%);

}

#logo {
    background-repeat: no-repeat;
    max-width: 300px;
    margin-top: 25px;
    margin-left: 10px;
```

```css
#logo {
    background-repeat: no-repeat;
    max-width: 300px;
    margin-top: 25px;
    margin-left: 10px;


}
h1 {
    padding-left: 500px;
    margin-top: -140px;
    color: rgb(247, 221, 183);
}
main {
    padding: 0em 2em 2em 2em;


}


button {

    margin-left: auto;
    margin-right: auto;


}

table, th, td{
    border: 1px solid rgb(0, 0, 0);
}

td {
    text-align: center;
}
th {
    text-align: left;
}
#td1 {
    text-align:left;
}

input[type="number"] {
```

```css
    }

table, th, td{
    border: 1px solid ☐rgb(0, 0, 0);
}

td {
    text-align: center;
}
th {
    text-align: left;
}
#td1 {
    text-align:left;
}

input[type="number"] {
    width: 100%;
    box-sizing: border-box;
    -webkit-box-sizing:border-box;
    -moz-box-sizing: border-box;
}

#table2 {
    background-color: ☐burlywood;
    margin-left: auto;
    margin-right: auto;
}
#p1 {
    text-align: center;
}
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Your final grade</title>
    <style>
        div{
            text-align: center;
            margin-top: 200px;
        }
        body {
            background-color: rgba(231, 220, 58, 0.986);
        }
    </style>
</head>
<body>
    <div>
        <h1> Congratulations! </h1>
        <h2> You did a geate job!</h2>
        <h3> Your grade is: A </h3>
    </div>

</body>
</html>
```

```html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title> Your final grade</title>
7      <style>
8          div{
9              text-align: center;
0              margin-top: 200px;
1          }
2          body {
3              background-color: rgba(58, 225, 231, 0.986);
4          }
5      </style>
6  </head>
7  <body>
8      <div>
9          <h1> Congratulations! </h1>
0          <h2> You did a good job!</h2>
1          <h3> Your grade is: B </h3>
2      </div>
3
4  </body>
5  </html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Your final grade</title>
    <style>
        div{
            text-align: center;
            margin-top: 200px;
        }
        body {
            background-color: rgba(58, 231, 173, 0.986);
        }
    </style>
</head>
<body>
    <div>
        <h1> Congratulations! </h1>
        <h2> You did a Nice job! Keep going </h2>
        <h3> Your grade is: C </h3>
    </div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Your final grade</title>
    <style>
        div{
            text-align: center;
            margin-top: 200px;
        }
        body {
            background-color: rgba(58, 225, 231, 0.986);
        }
    </style>
</head>
<body>
    <div>
        <h1> Congratulations! </h1>
        <h2> Not bad, keep going!</h2>
        <h3> Your grade is: D </h3>
    </div>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Your final grade</title>
    <style>
        div{
            text-align: center;
            margin-top: 200px;
        }
        body {
            background-color: #e73a3afb;
        }
    </style>
</head>
<body>
    <div>
        <h1> Do not worry try again!  </h1>
        <h2> Keep doing hard work! </h2>
        <h3> Your grade is: F </h3>
    </div>

</body>
</html>
```