

Unit 6 Homework

Notable Changes

Changes made. 2 new functions built upon Chapter 9 & 10 Code. New variables. Used Math.random & Math.round. Variable saves new generated number and updates the value in the text box for profit percentage. Used Alert to let user know the new changes.

Homework10.HTML

```
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="utf-8" />
<meta name="description" content="Unit 5">
<meta name="keywords" content="Homework 9, HTML">
<meta name="author" content="Michael Redford">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Mike's Garage Sale Profit Estimator</title>
<style>
p {
background-color: #FF82A9;
}

table {
border-collapse: collapse;
margin: 25px 0;
font-size: 0.9em;
font-family: Arial;
min-width: 400px;
box-shadow: 0 0 20px rgba(0, 0, 0, 0.15);
}

h2 {
color: #9da9a0;
}

h3 {
background-color: #FF82A9;
```

```
}
```

```
body {  
text-align: center;  
min-width: 500px;  
font-family: Arial;  
background-color: #654c4f;  
}
```

```
form,  
input:last-child {  
margin: 10px 20px;  
}
```

```
/* position the table */  
.center {  
margin: 10px 0;  
display: flex;  
justify-content: center;  
}
```

```
</style>
```

```
<script>
```

```
//vars
```

```
var basePrice;  
var percentage;  
var totalProfit;
```

```
function summary() {  
var roundProfit = Math.round(totalProfit);  
var newPercentage = Math.round(Math.random() * 100);  
alert("Total Profit(Rounded): " + roundProfit + "\n" + "New Percentage: " + newPercentage  
+ "%");  
form.elements["profit"].value = newPercentage;  
}
```

```
function calc(f) {  
var table;  
var row;  
var monthIndex;
```

```
table = document.getElementById("sales");  
row = table.insertRow(table.rows.length);  
form = f;  
row.insertCell(0).innerHTML = "$" + form.elements["price"].value;  
row.insertCell(1).innerHTML = form.elements["profit"].value + "%";  
monthIndex = form.elements["months"].selectedIndex;  
row.insertCell(2).innerHTML = document.getElementsByTagName("option")  
[monthIndex].innerHTML;  
row.insertCell(3).innerHTML = form.elements["bulk"].value;  
row.insertCell(4).innerHTML = "$" + form.elements["bulk"].value *  
(form.elements["price"].value * (form.elements["profit"].value / 100));  
basePrice = form.elements["price"].value;
```

```
percentage = form.elements["profit"].value;
totalProfit = form.elements["bulk"].value * (form.elements["price"].value *
(form.elements["profit"].value / 100));
summary(); //notify user of calculations and updates
}
```

```
</script>
```

```
<body>
<h2>Profit Calculator</h2>
<form>
Base Price($):
<input id="price" type="text" size="5" value="40.00">
Ideal Profit(%):
<input id="profit" type="text" size="5" value="20"><br>
<label for="bulk"> Bulk Being sold (x10,x20,etc.):</label>
<input id="bulk" type="text" size="5" value="15"><br>
<label for="months">Months product sold:</label>
<select id="months" name="months">
<option>Jan</option>
<option>Feb</option>
<option>Mar</option>
<option>Apr</option>
<option>May</option>
<option>Jun</option>
<option>Jul</option>
<option>Aug</option>
<option>Sep</option>
<option>Oct</option>
<option>Nov</option>
<option>Dec</option>
</select>
<input type="button" value="Calculate" onclick="calc(this.form)">
</form>
<div class="center">
<table id="sales">
<tr>
<th>Price</th>
<th>Profit %</th>
<th>Month</th>
<th>Quantity</th>
<th>Total Earned</th>
</tr>
</table>
</div>
<p>
*Note: After Submitting profit will randomize.
Make sure you update the profit percentage if
you want it to stay consistant.
</p>
<h3>Instructions:</h3>
```

<p>

Use this site to calculate your profits in making long term sales. It's important to track overall sales of your item so you can check your budget.

Michael Redford's famous garage sale is back! Michael started his yearly yard sale in 2010 and it's still on for 2020!

There will be only a limit of 4 people in the garage at a time.

A mask and washing your hands are mandatory. No exceptions. Masks will be sold!

</p>

</body>

</script>

Profit Calculator

Base Price(\$): 40.00 Ideal Profit(%): 76

Bulk Being sold (x10,x20,etc.): 15

Months product sold: Jan ▼

Calculate

Price	Profit %	Month	Quantity	Total Earned
\$40.00	20%	Jan	15	\$120
\$40.00	5%	Jan	15	\$30

*Note: After Submitting profit will randomize. Make sure you update the profit percentage if you want it to stay consistant.

Instructions:

Use this site to calculate your profits in making long term sales. It's important to track overall sales of your item so you can check your budget. Michael Redford's famous garage sale is back! Michael started his yearly yard sale in 2010 and it's still on for 2020! There will be only a limit of 4 people in the garage at a time. A mask and washing your hands are mandatory. No exceptions. Masks will be sold!