



Lab02
COP 2500
Taranjeet Singh

Date

Most Important part

<code><html></code>	<code><html></code>
<code><head></code>	<code><head></code>
<code><title>Name</title></code>	<code><title>Name</title></code>
<code><!-- comment lines --></code>	<code><script language="JavaScript"></code>
<code><!-- Name --></code>	<code>// Comment lines</code>
<code><!-- Email --></code>	<code>// Name</code>
<code><!-- Lab 02 --></code>	<code>// Email</code>
<code></head></code>	<code>// Lab02</code>
	<code></script></code>
<code><body></code>	<code></head></code>
	<code><body></code>
<code></body></code>	<code></body></code>
<code></html></code>	<code></html></code>



Lab02: Overview

- Creating Variables
- Mathematical Calculation

Total Amount = subTotal + (subTotal * tax)/100

- Display Variable Values

Variables

Which variable declarations are valid?

```
var name1, 10names, _price, A-23, GMM;
```

```
var true = 0;
```

```
Fine = "null";
```

Variables

```
<script>  
var myName = "Taranjeet";  
document.write("My name is " + myname);  
</script>
```

Will this code work?

Math Object

Math.round()

Math.floor()

Math.ceil()

Math.round()

Round a number downward to its nearest integer

1) Math.round(0.6589121373835951); O/p: 1

2) Math.round(6.589121373835951); O/p: 7

3) Math.round(65.89121373835951); O/p: 66

Math Object

Math.floor()

Round a number downward to its nearest integer

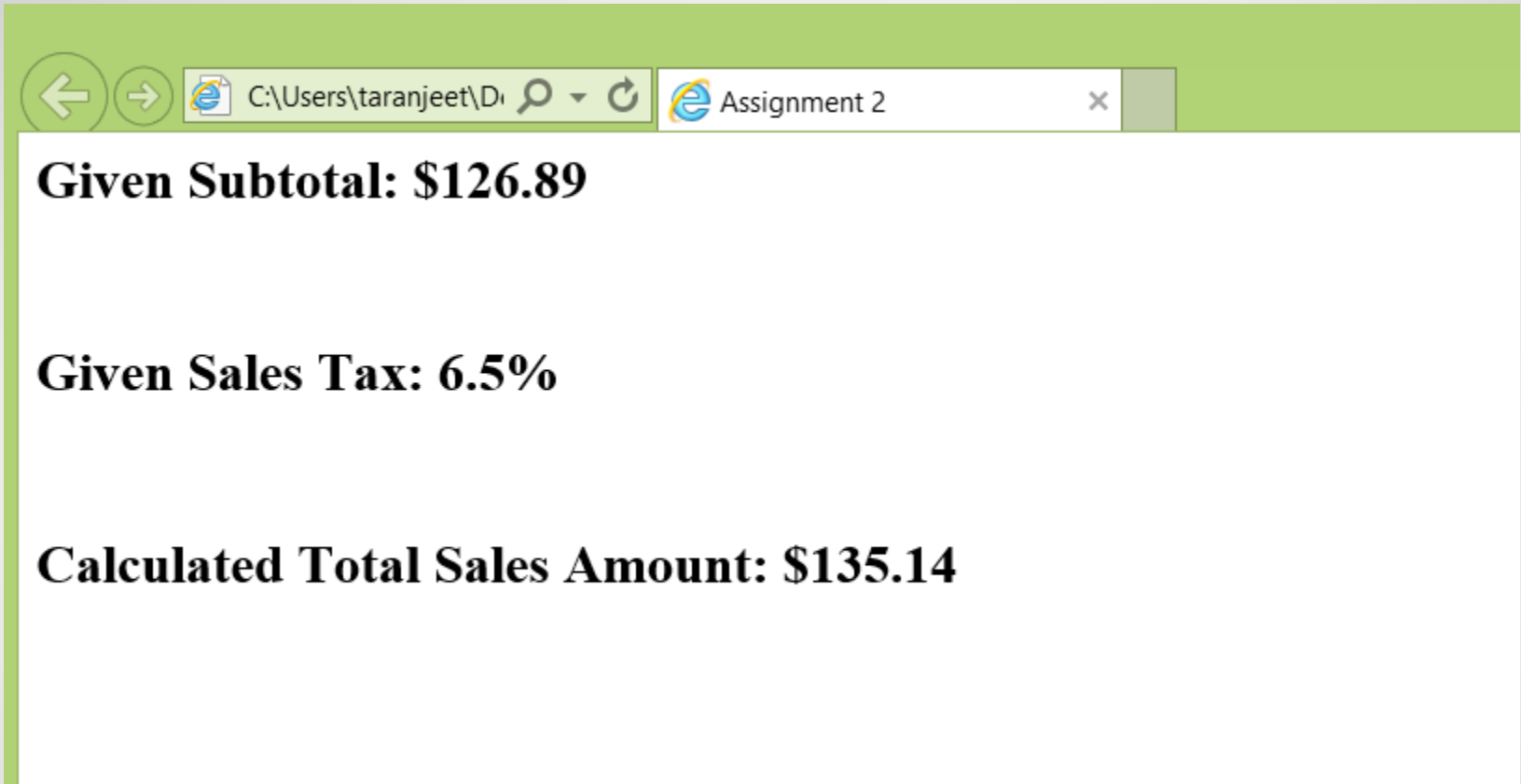
- 1) `Math.floor(0.6589121373835951);` O/p: 0
- 2) `Math.floor(6.589121373835951);` O/p: 6
- 3) `Math.floor(65.89121373835951);` O/p: 65

Math.ceil()

Round a number upward to it's nearest integer:

- 1) `Math.ceil(0.6589121373835951);` O/p: 1
- 2) `Math.ceil(6.589121373835951);` O/p: 7
- 3) `Math.ceil(65.89121373835951);` O/p: 66

Algorithm.html



The screenshot shows a web browser window with a green header bar. The address bar contains the path `C:\Users\taranjeet\Di` and the page title is "Assignment 2". The main content area displays the following text:

Given Subtotal: \$126.89

Given Sales Tax: 6.5%

Calculated Total Sales Amount: \$135.14



Lab02: Rubric

Activity	Points
Use a const	5
Use a var	15
Write algorithm to calculate raw salesTax value	20
Use the Math.round() function to round the data	10
Divide by 100 to convert the salesTax value to the correct floating point value for currency	10
Calculate the total sale amount	20
Display subtotal, sales tax, and total sale amount to user	10
Signed in to class or emailed TA documents	10
Total	100