

SE430 - Homework #4

The calculator.net website offers a variety of calculators that cover several domains. In this homework, we are interested in testing the sales tax calculator. The sales tax calculator computes the after-tax price as follows:

After-tax price = before tax price + (before tax price * sales tax rate %)

For example, if the before tax price = \$100 and the sales tax rate = 6.5%.

Then, the after-tax price = \$100 + (\$100 * 6.5%) = \$106.5

The sales tax calculator can be accessed by navigating to the following URL:

<https://www.calculator.net/>

Under Financial Calculators, you should choose Sales Tax Calculator as shown below:



Financial Calculators

[Mortgage Calculator](#)

[Loan Calculator](#)

[Auto Loan Calculator](#)

[Interest Calculator](#)

[Payment Calculator](#)

[Retirement Calculator](#)

[Amortization Calculator](#)

[Investment Calculator](#)

[Inflation Calculator](#)

[Finance Calculator](#)

[Income Tax Calculator](#)

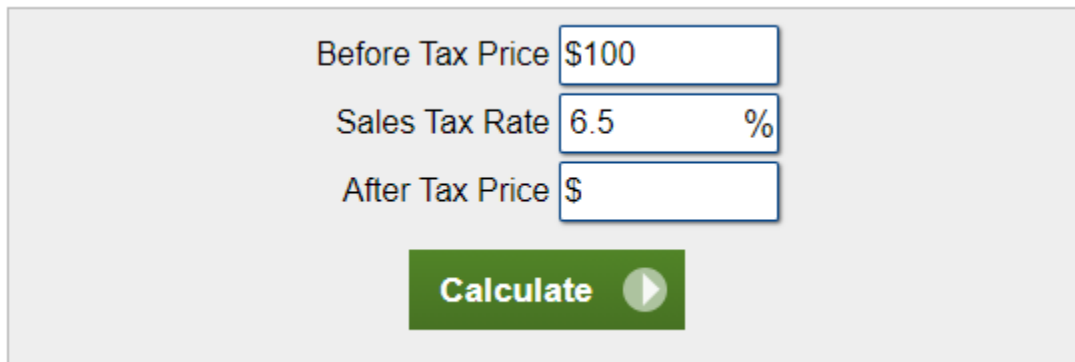
[Compound Interest Calculator](#)

[Salary Calculator](#)


[Interest Rate Calculator](#)

[Sales Tax Calculator](#)

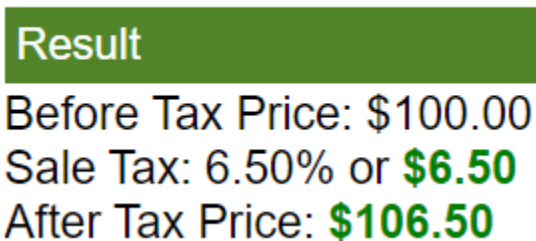
The sales tax calculator form should be displayed. You should enter the before-tax price and the sales tax rate in the dedicated fields. After that, you should click on the calculate button.



Before Tax Price	<input type="text" value="\$100"/>
Sales Tax Rate	<input type="text" value="6.5"/> %
After Tax Price	<input type="text" value="\$"/>

Calculate 

The webpage should then calculate the after tax price as shown below.



Result

Before Tax Price: \$100.00
Sale Tax: 6.50% or **\$6.50**
After Tax Price: **\$106.50**

In this homework, you should write one test case (one java file) using the selenium webdriver. In this test case, you should navigate to the sales tax calculator and send the before-tax price and sales tax rate values to the form. Also, you are required to check if the computed result is correct or not. In case the result is correct, you should print "Success". Otherwise, you should print "Failure".

Submission Deadline:

21/5/2022 23:55 PM

No submission will be accepted after 21/5/2022 at 23:55 PM. No excuse will be given under any circumstances.

Important note: Corrupted files will get a zero grade. It is your own responsibility to check that the uploaded file is readable.