ShippingRates Computer Science - Haas

An online computer parts company charges for shipping based on the following:

* A $4.00 flat fee plus $2.00 for each $50.00 you spend in your order.

The chart below shows shipping amounts for orders up to $200.00, **but your program must be able to calculate the shipping charge for ANY amount!**

|  |  |  |
| --- | --- | --- |
| Cost of Ordered Items | Calculation | Total Shipping Cost |
| $0.01 to $50.00 | $4.00 + $2.00 | $6.00 |
| $50.01 to $100.00 | $4.00 + $4.00 | $8.00 |
| $100.01 to $150.00 | $4.00 + $6.00 | $10.00 |
| $150.01 to $200.00 | $4.00 + $8.00 | $12.00 |

Write a JavaScript program to calculate the shipping charge for any given order.

**HINT: The solution to this program involves writing a simple equation which uses the Math.ceil function.**

Make sure you program works for all of the following examples:

**Example 1:**

Computer >> Enter cost of order:

User>> 20.50

Computer >> For an order of $20.50, the shipping charge is $6.00.

**Example 2:**

Computer >> Enter cost of order:

User>> 108.00

Computer >> For an order of $108.00, the shipping charge is $10.00.

**Example 3:**

Computer >> Enter cost of order:

User>> 452.00

Computer >> For an order of $452.00, the shipping charge is $24.00.

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