

Name:	Multiplication Use Case
Summary:	A use case to test the multiplication function of the JavaCalculator application.
Version:	1.0
Preconditions:	<ul style="list-style-type: none"> <li>• Multiplication operand (*)</li> <li>• Two integers</li> </ul>
Triggers:	Run JavaCalculator application user entered an integer, then entered * symbol for operand, and then another integer.
Main Success Scenario:	<ol style="list-style-type: none"> <li>1. System displays "First number: "</li> <li>2. User enters first integer</li> <li>3. System displays "Operation (+, -, *, /): "</li> <li>4. User enters multiplication "*" operand</li> <li>5. System displays "Second number: "</li> <li>6. User enters second integer</li> <li>7. System displays "Answer = " + result</li> </ol>
Alternative Success Scenarios:	<ol style="list-style-type: none"> <li>1. User inputs different integers</li> <li>2. User chooses multiplication "*" operand.</li> <li>3. System displays "Answer = " + result</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. No data saved to system</li> <li>2. System is not changed by any inputs</li> </ol>
Business Rules:	<ol style="list-style-type: none"> <li>1. Users may enter an integer or double.</li> <li>2. Must use symbol "*" (shift-8) for multiplication.</li> </ol>
Notes:	Results are always returned to the user as a Double. Even whole numbers are shown with a decimal point and trailing zero.
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