Unit Testing

Simple Calculator

Version 1.0

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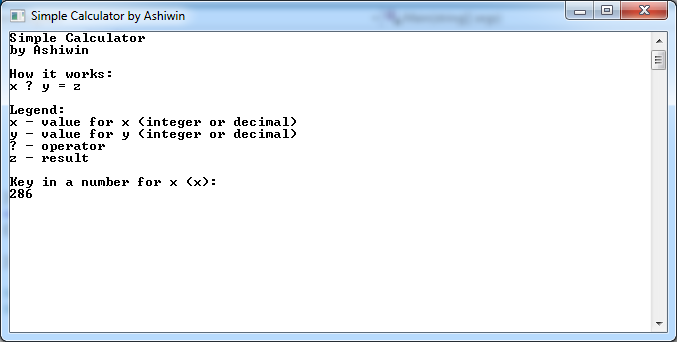
[Test Case SC\_4.01 – Pass 16](#_Toc405370035)

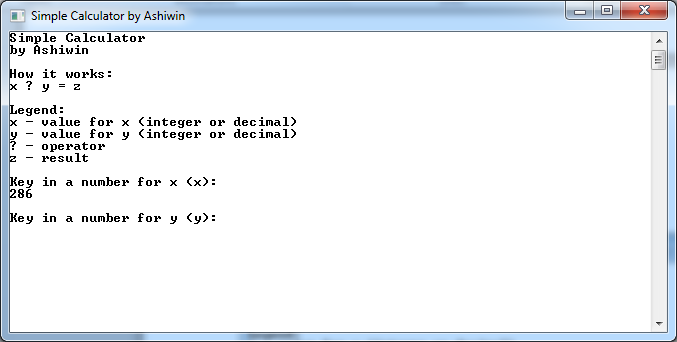
# Section 1: Test Cases

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Case #** | **Function** | **Action** | **Expected Result** | **Actual Result** | **Status** | **Tested By** | **Date** |
| SC\_1.01 | *x* | Key in an integer for *x* | System will proceed with *y* | System proceeds with *y* | Pass | Ashiwin | 02/12/2014 |
| SC\_1.02 | *x* | Key in a decimal for *x* | System will proceed with *y* | System proceeds with *y* | Pass | Ashiwin | 02/12/2014 |
| SC\_1.03 | *x* | Key in an alphabet for *x* | Error message will appear | Error message appears | Pass | Ashiwin | 02/12/2014 |
| SC\_2.01 | *y* | Key in an integer for *y* | System will proceed with operator | System proceeds with operator | Pass | Ashiwin | 02/12/2014 |
| SC\_2.02 | *y* | Key in a decimal for *y* | System will proceed with operator | System proceeds with operator | Pass | Ashiwin | 02/12/2014 |
| SC\_2.03 | *y* | Key in an alphabet for *y* | Error message will appear | Error message appears | Pass | Ashiwin | 02/12/2014 |
| SC\_3.01 | Operator | Key in 1 for addition | Correct result of addition will be displayed | Correct result of addition is displayed | Pass | Ashiwin | 02/12/2014 |
| SC\_3.02 | Operator | Key in 2 for subtraction | Correct result of subtraction will be displayed | Correct result of subtraction is displayed | Pass | Ashiwin | 02/12/2014 |
| SC\_3.03 | Operator | Key in 3 for multiplication | Correct result of multiplication will be displayed | Correct result of multiplication is displayed | Pass | Ashiwin | 02/12/2014 |
| SC\_3.04 | Operator | Key in 4 for division | Correct result of division will be displayed | Correct result of division is displayed | Pass | Ashiwin | 02/12/2014 |
| SC\_3.05 | Operator | Key in numbers other than 1,2,3 or 4 | Error message will appear | Error message appears | Pass | Ashiwin | 02/12/2014 |
| SC\_3.06 | Operator | Key in an alphabet | Error message will appear | Error message appears | Pass | Ashiwin | 02/12/2014 |
| SC\_4.01 | Miscellaneous | Perform division by zero | Error message will appear | Error message appears | Pass | Ashiwin | 02/12/2014 |

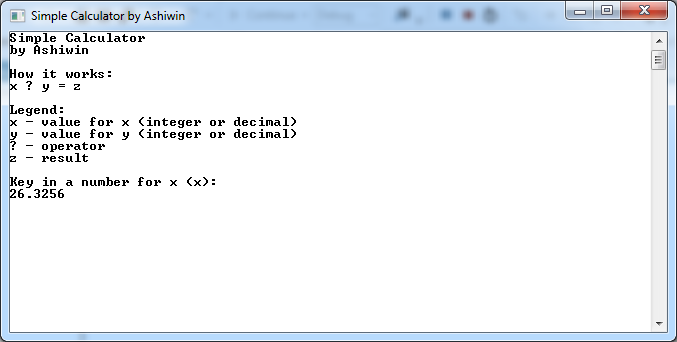
# Section 2: Screenshots

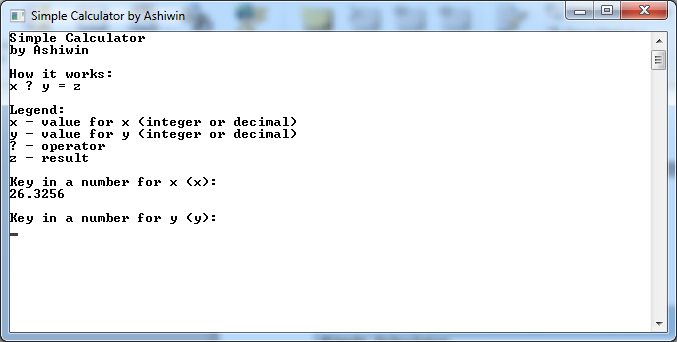
## Test Case SC\_1.01 – Pass



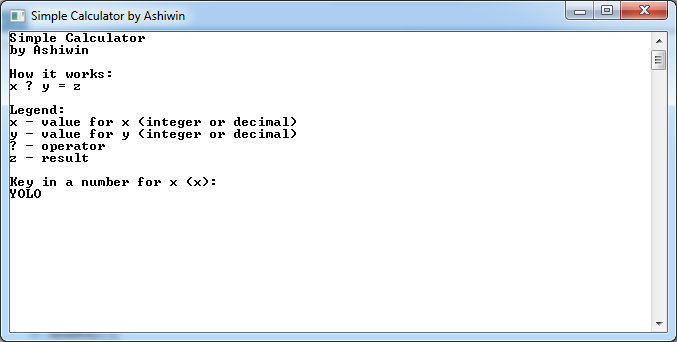


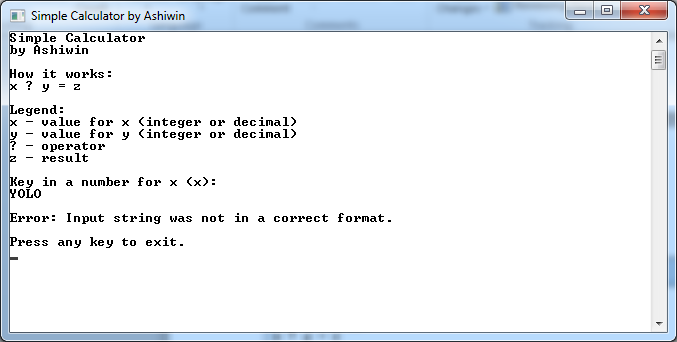
## Test Case SC\_1.02 – Pass



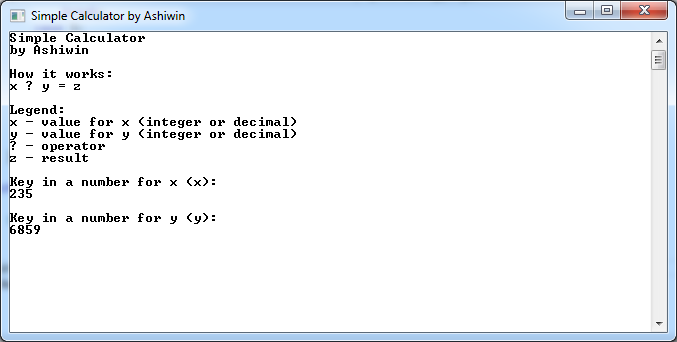


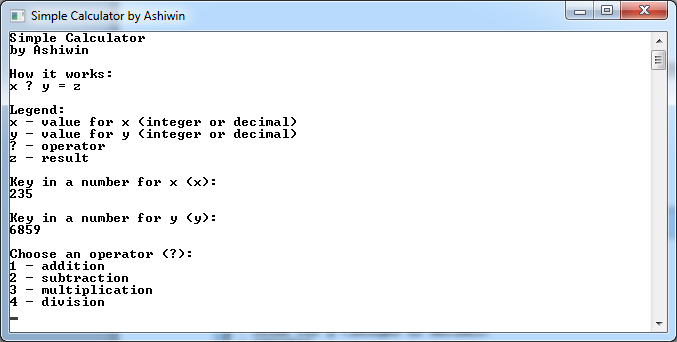
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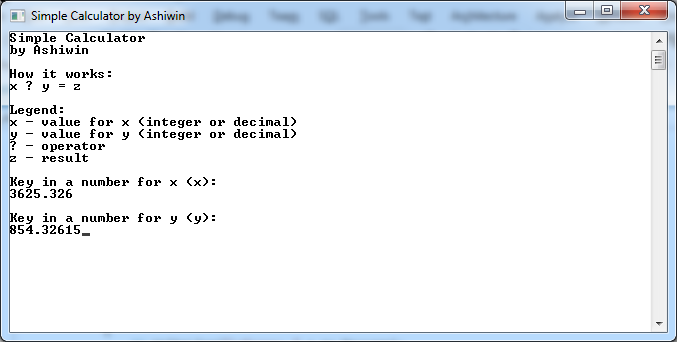


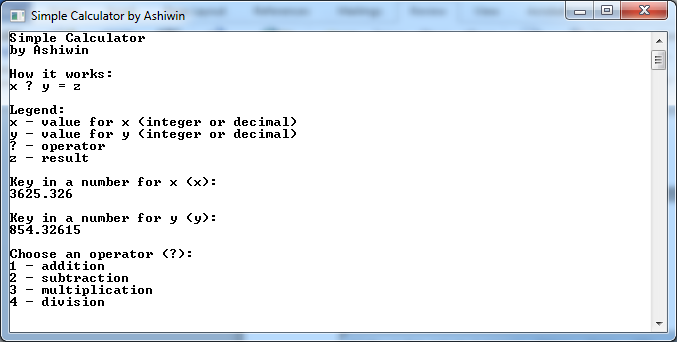
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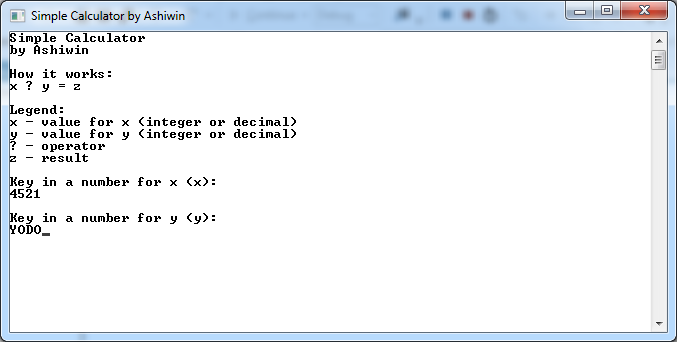


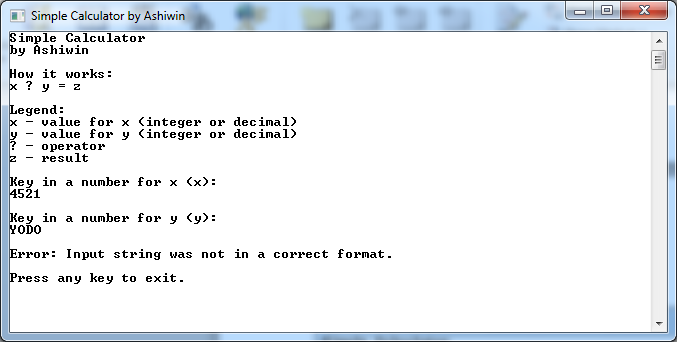
## Test Case SC\_2.02 – Pass



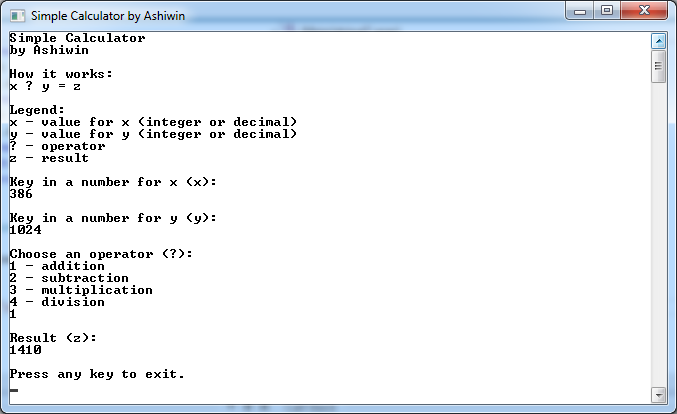


## Test Case SC\_2.03 – Pass

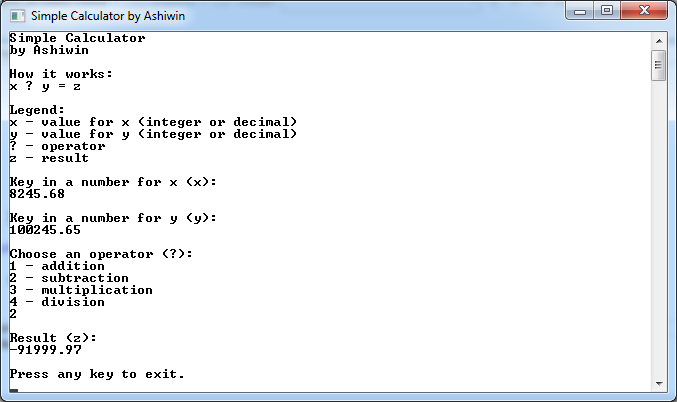




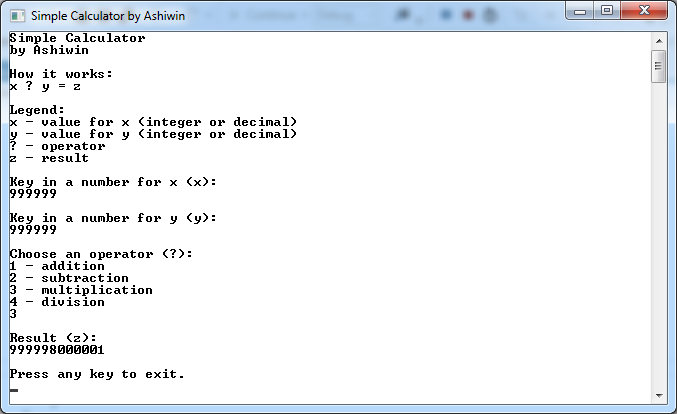
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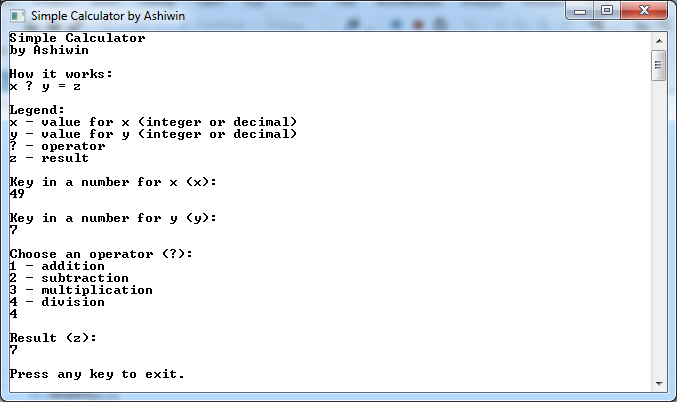
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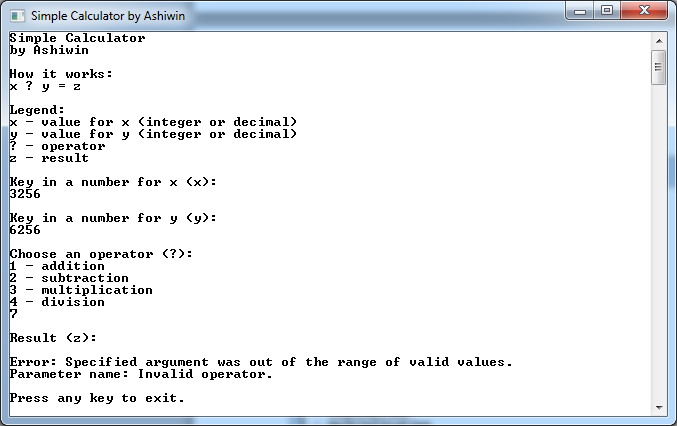
## Test Case SC\_3.03 – Pass



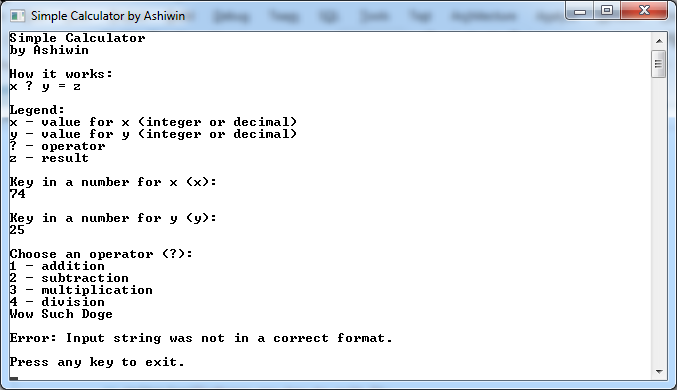
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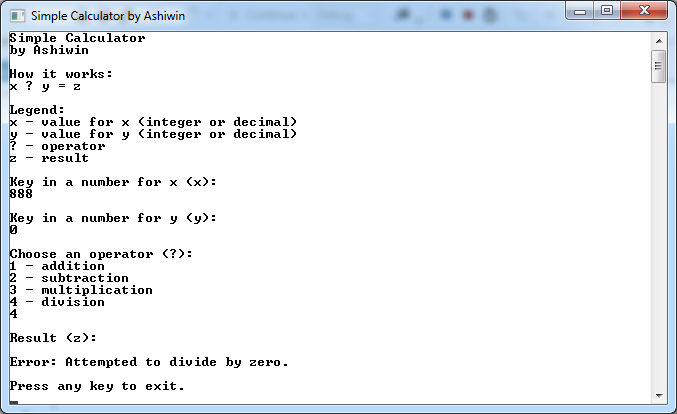
## Test Case SC\_3.05 – Pass



## Test Case SC\_3.06 – Pass



## Test Case SC\_4.01 – Pass



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