

# Test Cases (Simple Calculator)

Name: Zakir Sajid Elaskar

Test Case ID	Test Case	Test Data	Expected Results	Actual Results
01	Input Number	User Input Numbers	Only Int data type gets accepted	Int data type get accepted
02	Input Number	User Input Numbers	Only Int data type gets accepted	Int data type get accepted
03	Operation Selection (+, -, *, /)	User selects one of the four operations	Selected operation takes place on the two input numbers	Selected operation takes place on the two input numbers
04	Selected operation number is 1	Both numbers are positive	Addition of two numbers takes place	Addition of two numbers takes place
05	Selected operation is 1	One number is positive and one is negative	Subtraction of two numbers takes place	Subtraction of two numbers takes place
06	Selected operation is 1	Both numbers are negative	Addition of two numbers takes place with negative sign	Addition of two numbers takes place with negative result
07	Selected operation is 2	Both numbers are positive	Subtraction of two numbers takes place	Subtraction of two numbers takes place
08	Selected operation is 2	One number is positive and one is negative	Addition of two numbers takes place with negative sign	Addition of two numbers takes place with negative result
09	Selected operation is 2	Both numbers are negative	Subtraction of two numbers takes place	Subtraction of two numbers takes place
10	Selected operation is 3	Both numbers are positive	Multiplication takes place with positive sign.	Multiplication takes place with positive sign.
11	Selected operation is 3	One number is positive and one is negative	Multiplication takes place with negative sign.	Multiplication takes place with negative sign.
12	Selected operation is 3	Both numbers are negative	Multiplication takes place with positive sign.	Multiplication takes place with positive sign.
13	Selected operation is 4	Both numbers are positive	Division takes place with positive sign.	Division takes place with positive sign.
14	Selected operation is 4	One number is positive and one is negative	Division takes place with negative sign.	Division takes place with negative sign.
15	Selected operation is 4	Both numbers are negative	Division takes place with positive sign.	Division takes place with positive sign.

16	Asked to perform another calculation Yes/No	User types Yes	User is asked to input number.	User is asked to input number.
17	Asked to perform another calculation Yes/No	User types No	'Goodbye!' Message is printed and program ends.	'Goodbye!' Message is printed and program ends.