

CS605 Assignment#1 Simple Calculator

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Test Case	Description	Input	Expected Output	Actual Output	Pass/Fail
1	Valid Addition	10, 5, choice: 1	$10.0 + 5.0 = 15.0$	Same	Pass
2	Valid Subtraction	10, 5, choice: 2	$10.0 - 5.0 = 5.0$	Same	Pass
3	Valid Multiplication	6, 7, choice: 3	$6.0 * 7.0 = 42.0$	Same	Pass
4	Valid Division	20, 4, choice: 4	$20.0 / 4.0 = 5.0$	Same	Pass
5	Division by zero	9, 0, choice: 4	Error: Cannot divide by zero.	Same	Pass
6	Invalid numeric input (letters)	"abc", 5	Error: Please enter valid numeric values.	Same	Pass
7	Invalid operation choice	10, 5, choice: 6	Error: Invalid choice. Please enter 1, 2, 3, or 4.	Same	Pass
8	Decimal input	5.5, 2.2, choice: 1	$5.5 + 2.2 = 7.7$	Same	Pass
9	Negative numbers	-8, -4, choice: 3	$-8.0 * -4.0 = 32.0$	Same	Pass
10	User chooses to continue after one op	5, 2, choice: 2 → continue → 3, 3, choice: 1	Both results shown; loop continues	Same	Pass
11	User chooses to exit	After any operation	Program exits with message see ya bye!	Same	Pass