

Use Case Document

Name:	Addition Use Case
Summary:	Test the addition function of calculator app
Version:	1.1
Preconditions:	<ul style="list-style-type: none">a) two or positive integersb) addition "+" operand
Triggers:	Run the application and input a positive integer followed by the addition "+" operand and a second positive integer
Main Success Scenario:	<ul style="list-style-type: none">1. System displays "Enter a positive integer to calculate:"2. User enters positive integer3. System displays "Enter operand: +, -, /, or *:"4. User inputs addition sign "+"5. System displays "Enter a second positive integer:"6. User second positive integer7. System displays equation, i.e. $3 + 6 = 9$
Alternative Success Scenario:	<ul style="list-style-type: none">1. User chooses different integers2. User completes each step as listed above3. User receives answer for integers chosen
Postconditions:	<ul style="list-style-type: none">1. No change in system2. No data is written to system
Business Rules:	<ul style="list-style-type: none">1. No negative numbers2. No decimals or fractions, positive integers only3. User Must use "+" sign
Notes:	In cases of division, the result will be rounded to nearest integer, no decimal answers are possible
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