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This page contains screenshots for the test cases:

This program creates a user-defined calculator struct with an Operator enum, and uses a switch statement to perform the designated operation chosen by the user.

The user inputs a linear calculation such as: a + b, 5 * 5, etc. using designated char symbols for the available operations. The user may choose between a single operation, or to input multiple operations

Available operations are: Addition, Subtraction, Multiplication, Division, Square root, Exponents

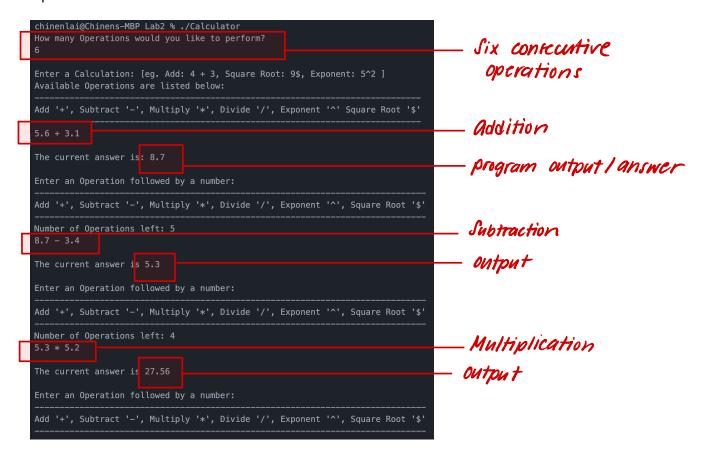
Upon running makefile, the program will prompt the user to input the number of operations to be performed:

```
|chinenlai@Chinens-MBP CISC3142 % ls
                 Lab1
                                                     Makefile
                                                                       README.md
[chinenlai@Chinens-MBP CISC3142 % make
make: `lab1' is up to date.
|chinenlai@Chinens-MBP CISC3142 % cd Lab2
|chinenlai@Chinens-MBP Lab2 % make lab2
rm -f lab2
g++ -g -Wall -std=c++11 -o lab2 Calculator.cpp ./lab2
                                                                                               User input of
How many Operations would you like to perform?
                                                                                               how many operations
Enter a Calculation: [eg. Add: 4+3, Square Root: 9\$, Exponent: 5^2] Available Operations are listed below:
Add '+', Subtract '-', Multiply '*', Divide '/', Exponent '^' Sqare Root '$'
                                                                                              User calculation input
5.2 + 3.1
The Answer is 8.3
                                                                                              Program Output
 chinenlai@Chinens-MBP Lab2 %
```

The screen shot below shows the program taking in different operations consecutively:



The screen shot below shows the program taking in multiple operations consecutively with an input value other than int:



This screen shot shows invalid operation handling of the program:

```
chinenlai@Chinens-MBP Lab2 % g++ Calculator.cpp -std=c++11 -o Calculator
chinenlai@Chinens-MBP Lab2 % ./Calculator
How many Operations would you like to perform?
Enter a Calculation: [eg. Add: 4 + 3, Square Root: 9$, Exponent: 5^2 ]
Available Operations are listed below:
Add '+', Subtract '-', Multiply '*', Divide '/', Exponent '^' Sqare Root '$'
                                                                                Invalid Symbol
                                                                               inputs
User's input is invalid input!%
chinenlai@Chinens-MBP Lab2 % ./Calculator
How many Operations would you like to perform?
Enter a Calculation: [eg. Add: 4 + 3, Square Root: 9$, Exponent: 5^2 ]
Available Operations are listed below:
Add '+', Subtract '-', Multiply '*', Divide '/', Exponent '^' Square Root '$'
                                                                               Error message
User's input is Invalid input!%
chinenlai@Chinens-MBP Lab2 % g++ Calculator.cpp -std=c++11 -o Calculator
chinenlai@Chinens-MBP Lab2 % ./Calculator
How many Operations would you like to perform?
```