Introduction:

The calculator program is made to perform the four basic operations in an efficient way. The purpose and scope of the calculator is to provide a readable and user-friendly calculator.

Functions:

The following functions can be performed on it:

--)Addition --)Subtraction

--)Multiplication --)Division

Running the Program:

When the program is run, it shows a user interface, like this:

Select operation:

- 1) Add
- 2) Subtract
- 3) Multiply
- 4) Divide

Enter choice (1/2/3/4):

For each operation, a separate function has been made which take two values as input and performs the respective functions. Furthermore, all the data types used are float enabling user to input decimal values.

Programming Language:

The program is written in C language and there is only one library used which is <stdio.h>.

Functions:

The functions used are:

1) add(float x, float y)

Returns the sum of two numbers.

2) subtract (float x, float y)

Returns the difference of two numbers.

3) multiply (float x, float y)

Returns the product of two numbers.

4) divide(float x, float y)

Returns the quotient of two numbers.

5) void calculator()

Perform the whole calculator operation

VERSION 1.0

Initial release.