**Scientific Calculator**

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**Project Guide**

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**Introduction:**

The calculator is an extension of a mathematician and it has opened up new possibilities within mathematics.

It is a machine though, and it is only capable of doing what it is

programmed to do.

Accordingly, this project aims to develop the internal programmed  
computational code in the form of a computer program that a scientific calculator could use to compute functions such as square root, the exponential, and sine functions.

The idea of this project assumes that that the programmer has already developed the very basic addition, subtraction, multiplication, division and integer splicing 2 functions.

Then using these basic functions, the program will then compute other more complicated functions found on a typical scientific calculator such as the sine and logarithmic functions.

Currency converter is also available to show you the value of money respective of it’s country specified in the system.

**Purpose:**

A Scientific Calculator is a very powerful and general purpose calculator. In addition to basic arithmetic functions, it provides trigonometric functions, logarithms, powers, roots etc. Therefore, these calculators are widely used in any situation where quick access to certain mathematical functions is needed.

Also, Currency converter is used for people in foreign exchange people,

To check the value of the money in other country compared to their own country without any trouble.

**Scope/Objectives:**

To make an effective user friendly synthetic calculator site.

To achieve efficiency in calculations of all sort of big and short calculation in all domains of work .

To offer the user facility of currency converter, also in site.

Can be applied and used in all domains of work like offices ,schools, colleges, business.

Can be used in currency exchange business which demand the usage of currency convertor in every work.

As it is user friendly so children as well as any age people can use this

**Problem definied:**