

WAY TO USE THE FOLLOWING CALCULATOR:

1>First terminal window will be opened

2>Then it ask for different options on using the caculator. User can choose any of above option to get his task done.

3>Then type the required number to do use options.

4>So if user types 1 , then our calculator canvas window gets opened which has all the mathematical funtions mentioned above.

5>So user can click on the required button in order to use the functions.

SOME SPECIFICATIONS:

Angles should be given in degrees

for all the trigonometric based functions

factorial has to be used like

user must first specify the number, then u
must press on factorial button

at max the number of inputs given has to be
less than 100

but for fast evaluation cut shot for 20

don't use too many brackets at a time

user can use 4-5 for fast evaluation

even for factorial there is specified limit,
otherwise answer will not be displayed

if there are any mistakes in the input given
calculator responds to some of them

gamma function:

it is the function specially used for integrations in statistics and quantum mechanics

so it has factorial kind of things

error function:

it gives the area under normal distribution curve with the specified factors already

fixed like mean , standard deviation

so it is mainly useful in statistics part

PERMUTATIONS AND COMBINATIONS:

so these are functions used in mathematics

but the inputs which are given has to be subset of whole numbers

otherwise

these functions doesn't work

even for factorial function, the input has to be in numerical form

HYPERBOLIC FUNCTIONS:

these are the functions used in mathematics

they consist of exponential factors

so these functions user can use by inputting any number

succeeded by the function

STATISTICAL FUNCTIONS:

It's of great use in science areas

mean, mode, median, variance and standard deviation can be computed by following steps which will be asked after every

function

User enters the data and gets his job done

VECTOR CROSS PRODUCT:

Cross product calculation will be done if user follows the required steps.

SOLVING EQUATIONS:

User needs to follow the required step asked to solve system of 3 variable and 2 variable linear equation. Quadratic equation is also easy to solve if user follows the step asked on screen.

