

## **PROJECT TITLE:** Multi-Purpose Calculator

**AIM:** To create a multi-purpose calculator for different sectors. (For students, employees, and retail sellers)

- This project will help in different way than a normal calculator. This calculator function in different ways for the different sectors.
- It features a high-performance speed along with accuracy.
- It will handle different cases like normal calculation, scientific calculator, billing calculations etc.
- In normal calculators we need to check for different operations but in this calculator, it will ask you to choose which operation you need to use.

### **DETAILS HANDELED:**

- For normal calculator:

1.Addition

2.Subtraction

3.Multiplication

4.division

5.Remainder

- For scientific calculator:

1.Square root

2.power etc...,

- For Billing calculator:

1.profit

2.loss

3.profit percentage

4.loss percentage

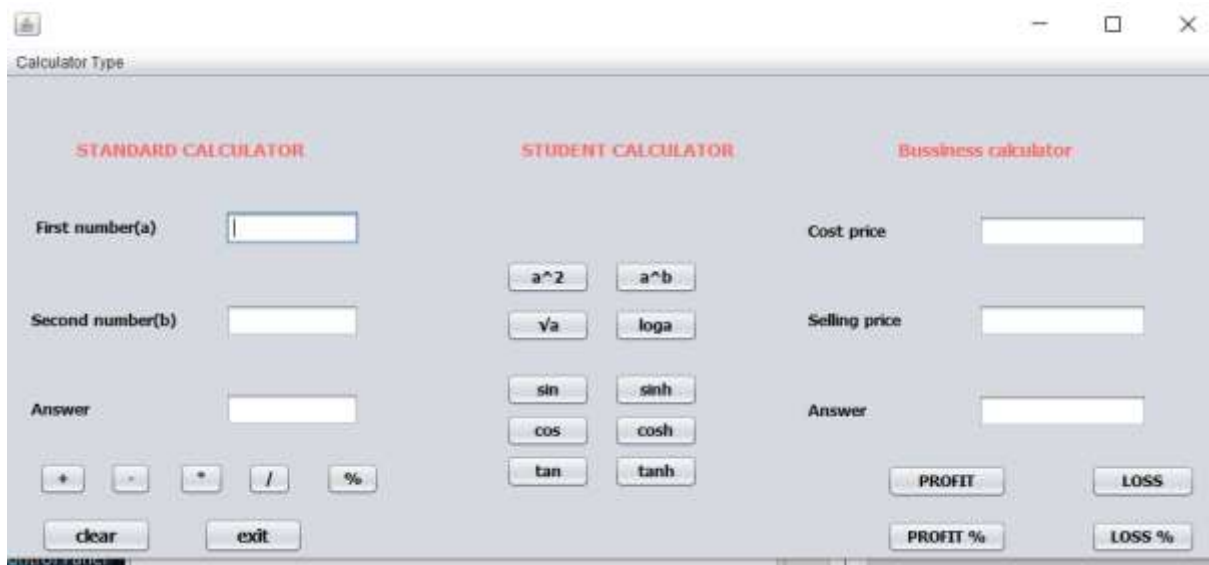
By this calculator one can easily do their calculation and no need to confuse on the manual calculation part.

This application can be used by students for scientific calculations, business man can use it to know either it is profit or loss, retailers can use it for billing purpose etc.

### Main Details of Multi-purpose calculator

The JFrame forum of the calculator looks like

#### INPUT:



In this JFrame forum we have

JLabels=14

JTextFields=6

Buttons=21

Main menu=1

Jmain Buttons=3

The Jmain buttons are: Standard, Student, Business.

#### OUTPUT:

The out put forum will be:

Calculator Type

STANDARD CALCULATOR

First number(a)

25

Second number(b)

5

Answer

9765625.0

+

-

\*

/

%

clear

exit

STUDENT CALCULATOR

a^2

a^b

√a

loga

sin

sinh

cos

cosh

tan

tanh

Business-calculator

Cost price

520

Selling price

1000

Answer

NO LOSS

PROFIT

LOSS

PROFIT %

LOSS %