

# The Calculator App

By Team B (Trigonometric Tigers)



# Overview

The calculator app is meant to provide users with a seamless way to evaluate equations. We achieve this by having large suite of buttons corresponding to different mathematical functions.

# Technology

We used Flutter Dart for this project

The app is split into 2 components, the main file and the Button creator

# Features

Beyond basic arithmetic functions, we have 12 more features

- Sin
- Cos
- Tan
- Csc
- Cosh
- Sinh
- $x^2$
- $x^3$
- $X^y$
- Sqrt
- ln
- Log

# Features in Depth

# Julianna: $x^y$ and Cosine

$x^y$

$2^7$

128

cos

cos(78)

-0.8578

# Sarah: sinh and binary log

sinh

0.758

0.8327006230

log

log(18)

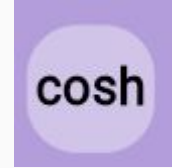
2.89037

# Nabou: $x^3$ and cosh



3

27



23

4872401723.124452



# Alli: Sine and $x^2$

sin

sin(12)

0.20791

$x^2$

$3^2$

9

# Leo: Tan and Square Root

Tan

0.758

0.94665

Sqrt

9

3

# Kaleab: Natural Log and Cosecant

ln

$\ln(6)$

1.79175

csc

$\csc(12)$

-1.8636

