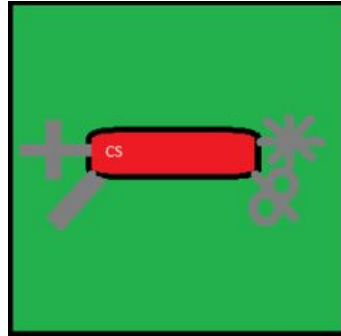


Math Multi-Tool

By: The Calculator App Team



Jacob Lockwood

- 2 year at GVSU
- CS major
- Currently work at a restaurant
- Responsible for the Calculus portion of the app
- Hobbies
 - Basketball
 - Billiards
 - Classic games
 - Pac-man
 - Mario

Kameron Freeman

- Currently a junior in Computer Science
- I am responsible for the graphing calculator
- Hoobies
 - Working out
 - Gaming
 - Overthinking
 - Spending 10+ minutes on a short intro slide
- Hoping to get an internship this summer as a Web Application Developer

Donovan Heynen

- Senior at GVSU
- Majoring in Computer Engineering
- Minor in Computer Science and Math
- Hoobles
 - I play on the GVSU Club Volleyball team
 - I like long walks on the beach
 - Procrastination
- Responsible for the Basic Calculator and the App Design
- Hoping to start my engineering co-op this summer as a Embedded Engineer

Alexander Klein

- Junior in Computer Science.
- I am the Step-by-Step and Hypergeometric Leader.
- Hooblies
 - Games (Table Top and Video Games)
 - Biking
 - Golfing
 - Playing Trumpet and Singing
- Hoping to get a job as a Software Engineer.
- Currently work at Menards (hit me up).

Math Multi Tool

The Math Multi Tool is a math tool geared towards college students. It has many features including linear graphing, step-by-step solutions, basic calculator, hypergeometric, and a derivative calculator. Each feature can be navigated to through the main menu screen for easy and seamless use. Now any math problem you face can be tackled by the Math Multi Tool.

Hit Project Time Goals?

- Completed Features
 - Step-by-step
 - Hypergeometric Calculator
 - Graphing linear functions
 - Basic Calculator
 - Calculus
- Incompleted Features
 - Graphing nonlinear functions

Changed Since Midterm

- Calculus
 - Derivative calculator
 - Simplify simple equations
- Step-by-Step
 - Quadratic
 - Fixed Invalid Input Crash
- Menu
 - Changed app theme
- App icon

Testing

- Calculus
 - Unit
 - Check if output is correct
 - Integration Testing
 - Print statements to help find bugs
 - Check for crashes within certain features
 - Make sure unrelated implementation does not affect already existing features
 - System Tests
 - Tests overall functionality (Navigation, Logic, etc.)
 - Makes sure each part of the app opens and closes without issue or noticable slows



Now for... the Demo....

