

# Description of Calculator

November 9, 2023

## 1 Introduction

This document provides a brief overview of a Java program named `Calculator` which implements a basic calculator with additional functionalities for unit conversion and matrix operations.

## 2 Basic Calculator Operations

The calculator program offers the following basic operations:

- Addition
- Subtraction
- Multiplication
- Division

Users can choose these operations through a menu system.

## 3 Unit Conversion

The program also includes a unit conversion feature. Users can convert:

- Feet to Meters
- Miles to Kilometers

## 4 Matrix Operations

Additionally, the calculator program supports matrix operations, specifically:

- Matrix Addition
- Matrix Subtraction

Users can perform these operations on predefined 2x2 matrices.

## 5 Conclusion

The `Calculator` program provides a versatile tool for performing basic calculations, unit conversions, and matrix operations. It offers a user-friendly interface through a text-based menu system.