

University of Karachi



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Assignment: Software Engineering

Topic: Mobile App Development

Instructor: Prof. Mubashir Yousuf

Github repo link: <https://github.com/campusx-official/python-gui-tkinter>

PROJECT REPORT

Introduction

Our team developed a calculator application for Android using Python and tkinter. The app allows users to perform basic arithmetic operations such as addition, subtraction, multiplication, and division.

User Interface

The user interface of the calculator app is designed using tkinter framework. The app has a simple and user-friendly interface that allows users to input numbers and operators through the app's buttons.

Features

The calculator app provides basic arithmetic operations such as addition, subtraction, multiplication, and division. It also includes other features such as the ability to clear the input field, backspace the last input, and calculate percentage.

Functionality

The calculator app functions correctly, providing accurate results for all basic arithmetic operations. The app can handle both positive and negative numbers, as well as decimals.

Limitations

The calculator app is designed for basic arithmetic operations only and does not include advanced mathematical functions such as trigonometry, logarithms, or exponentials.

Conclusion

Overall, the calculator app developed by your team using Python and tkinter is a simple and functional application that provides users with the ability to perform basic arithmetic operations. It has a user-friendly interface and accurately performs all basic arithmetic operations. However, it is important to note that the app is limited in terms of advanced mathematical functions.