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Submitted to:

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Registration No:

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Department:

Computer Engineering

Semester:

Second Semester

Subject:

Programming Fundamentals

Date:

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Title:

Semester Final Project Description

TITLE:

GUI Scientific Calculator Using Python

"In this project I made a graphical user interface calculator by using the language python. It can perform many features like addition, subtraction, multiplication, division, Square root, plus minus, pi, 2pi, log, log2, log10, cos, cosh, tan, tanh, sin, sinh, Exponent, Degree, log1p, mod, acosh, asinh, exmpl and lgamma. It can also convert temperature from Celsius to farinhite and farinhite to Celsius. It can also convert Pakistani Rupee into US Dollar and US Dollar to Pakistani Rupee. It can also plot Multiplication Tables. "

FEATURES:

It can perform many features like:

- Addition
- Subtraction
- Multiplication
- Division
- Square root
- Plus minus
- Pi
- 2pi
- Log

- Log2
- Log10
- Cos
- Cosh
- Tan
- Tanh
- Sin
- Sinh
- Exponent
- Degree
- Log1p
- Mod
- acosh
- asinh
- exmpl
- lgamma
- Convert Temperature
- Convert Currency
- Plot Multiplication Tables

It can also perform these features on decimal integers.

LIMITATIONS:

"It is a scientific calculator. It can perform all Scientific Features. So it has no limitation. It can perform all

Scientific features can Plot Multiplication Tables, Convert Currency, and Convert Temperature."

TOOLS:

"I am using the tool 'Spyder (python 3.7)' ".

Block Diagram: