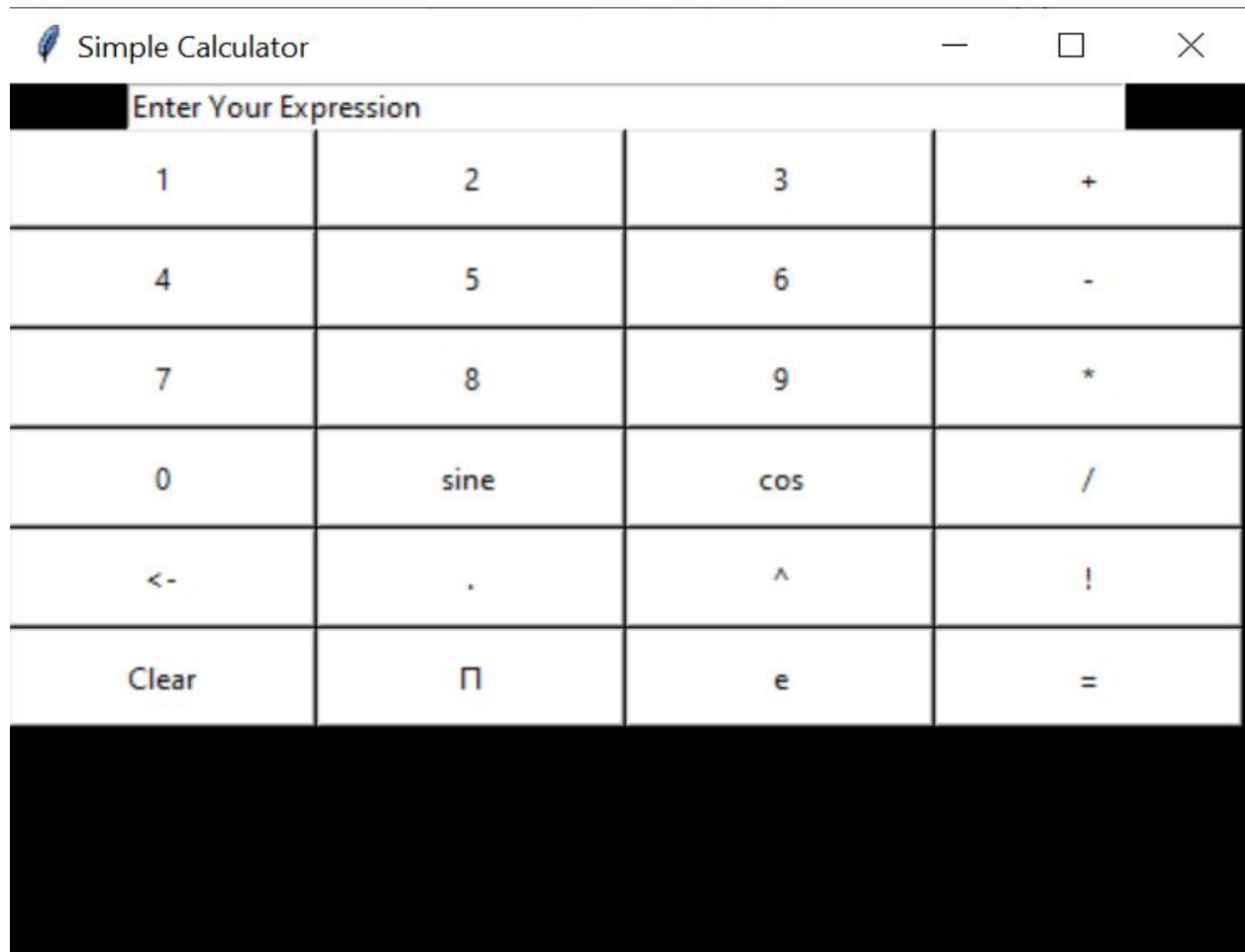


## Arithmetic Calculator using Tkinter in Python

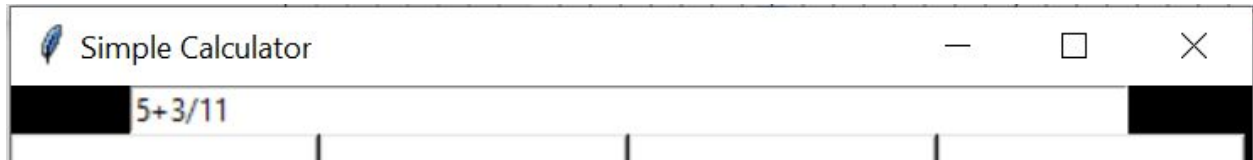


- **Requirements-**

- Python 3.x Interpreter
- Tkinter module

- **Functionalities-**

### **1.Entry box-**



## 2. Digits and mathematical Symbols-

Contains 0-9 digit buttons ,decimal, pie symbol, e constant values.

## 3. Operators -

BASIC-

Addition , subtraction, multiplication, division, raise to.

ADVANCED-

Factorial - factorial calculation of integers.

Cosine and Sine- Takes radiant values as input

Note- Once we select cos or sine no other values are accepted other than digits and factorial before calculation i.e = .

Example-

Acceptable  $4+\cos(5!)$  ,  $5-\sin(67)$  ,  $\sin(0)$

Unacceptable  $\cos(5+9)$   $\cos(\cos(9)$

## 4. Other functions-

<- To go back one space

Clear To erase all contents of textbox expression

= To calculate expression