import tkinter  
from tkinter import \*  
*#from tkinter import font  
#from tkinter.ttk import Style  
#from tkinter.ttk import Button*expression = ""  
  
  
  
def press(num):  
 global expression  
  
 expression = expression + str(num)  
  
 equation.set(expression)  
  
def calculate():  
 try:  
 global expression  
  
 total = str(eval(expression))  
  
 equation.set(total)  
  
  
 expression = ""  
  
 except:  
 equation.set("error")  
 expression = ""  
  
  
def clear():  
 global expression  
 expression = ""  
 equation.set("")  
  
  
calculator = Tk()  
calcFont = ('verdana', 20)  
fieldFont = ('verdana', 14)  
calculator.configure(background = "light gray")  
  
calculator.title("Simple Calculator")  
  
calculator.geometry("240x250")  
  
equation = StringVar()  
calcFrame = Frame(calculator, background = 'dark gray')  
calcFrame.grid(column = 0, row = 2)  
expression\_field = Entry(calculator,textvariable = equation)  
expression\_field.configure(font = fieldFont)  
  
expression\_field.grid(column = 0, row = 1, columnspan = 1)  
  
button1 = Button(calcFrame, text=' 1 ', command=lambda: press(1), width = 3)  
button1.configure(font = calcFont)  
button1.grid(column=1, row=3)  
button2 = Button(calcFrame, text=' 2 ', command=lambda: press(2), width = 3)  
button2.configure(font = calcFont)  
button2.grid(column=2, row=3)  
button3 = Button(calcFrame, text=' 3 ', command=lambda: press(3), width = 3)  
button3.configure(font = calcFont)  
button3.grid(column=3, row=3)  
button4 = Button(calcFrame, text=' 4 ', command=lambda: press(4), width = 3)  
button4.configure(font = calcFont)  
button4.grid(column=1, row=2)  
button5 = Button(calcFrame, text=' 5 ', command=lambda: press(5), width = 3)  
button5.configure(font = calcFont)  
button5.grid(column=2, row=2)  
button6 = Button(calcFrame, text=' 6 ', command=lambda: press(6), width = 3)  
button6.configure(font = calcFont)  
button6.grid(column=3, row=2)  
button7 = Button(calcFrame, text=' 7 ', command=lambda: press(7), width = 3)  
button7.configure(font = calcFont)  
button7.grid(column=1, row=1)  
button8 = Button(calcFrame, text=' 8 ', command=lambda: press(8), width = 3)  
button8.configure(font = calcFont)  
button8.grid(column=2, row=1)  
button9 = Button(calcFrame, text=' 9 ', command=lambda: press(9), width = 3)  
button9.configure(font = calcFont)  
button9.grid(column=3, row=1)  
button0 = Button(calcFrame, text=' 0 ', command=lambda: press(0), width = 3)  
button0.configure(font = calcFont)  
button0.grid(column=2, row=4)  
buttonAdd = Button(calcFrame, text=' + ', command=lambda: press('+'), width = 3)  
buttonAdd.configure(font = calcFont)  
buttonAdd.grid(column=4, row=4)  
buttonSub = Button(calcFrame, text=' - ', command=lambda: press('-'), width = 3)  
buttonSub.configure(font = calcFont)  
buttonSub.grid(column=4, row=3)  
buttonMul = Button(calcFrame, text=' x ', command=lambda: press('\*'), width = 3)  
buttonMul.configure(font = calcFont)  
buttonMul.grid(column=4, row=2)  
buttonDiv = Button(calcFrame, text=' / ', command=lambda: press('/'), width = 3)  
buttonDiv.configure(font = calcFont)  
buttonDiv.grid(column=4, row=1)  
buttonCalc = Button(calcFrame, text=' = ', command=lambda: calculate(), width = 3)  
buttonCalc.configure(font = calcFont)  
buttonCalc.grid(column=3, row=4)  
buttonClear = Button(calcFrame, text = 'C', command=lambda: clear(), width = 3)  
buttonClear.configure(font = calcFont)  
buttonClear.grid(column = 1, row = 4)  
  
calculator.mainloop()