from tkinter import \*  
  
def btnClick(number):  
 global val  
 val = val + str(number)  
 data.set(val)  
  
def btnClear():  
 global val  
 val =""  
 data.set("")  
  
def btnEquals():  
 global val  
 result = str(eval(val))  
 data.set(result)  
  
root = Tk()  
root.title("My calci")  
root.geometry("361x381+500+200")  
val = " "  
data = StringVar()  
display = Entry(root,textvariable=data, bd=29,justify="right",bg = "purple",font= ("ariel", 20) )  
display.grid(row=0, columnspan=4)  
btn7 = Button(root,text="7",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(7))  
btn7.grid(row=1,column=0)  
btn8 = Button(root,text="8",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(8))  
btn8.grid(row=1,column=1)  
btn9 = Button(root,text="9",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(9))  
btn9.grid(row=1,column=2)  
btn\_add = Button(root,text="+",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick('+'))  
btn\_add.grid(row=1,column=3)  
  
btn4 = Button(root,text="4",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(4))  
btn4.grid(row=2,column=0)  
btn5 = Button(root,text="5",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(5))  
btn5.grid(row=2,column=1)  
btn6 = Button(root,text="6",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(6))  
btn6.grid(row=2,column=2)  
btn\_mul = Button(root,text="\*",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick('\*'))  
btn\_mul.grid(row=2,column=3)  
  
btn1 = Button(root,text="1",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(1))  
btn1.grid(row=3,column=0)  
btn2 = Button(root,text="2",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(2))  
btn2.grid(row=3,column=1)  
btn3 = Button(root,text="3",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(3))  
btn3.grid(row=3,column=2)  
btn\_sub = Button(root,text="-",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick('-'))  
btn\_sub.grid(row=3,column=3)  
  
btnc = Button(root,text="c",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=btnClear)  
btnc.grid(row=4,column=0)  
btn0 = Button(root,text="0",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick(0))  
btn0.grid(row=4,column=1)  
btn\_Equal = Button(root,text="=",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=btnEquals)  
btn\_Equal.grid(row=4,column=2)  
btn\_div = Button(root,text="/",bg="pink",fg="black",font= ("Ariel", 12,"bold"),bd=12,height=2,width=6,command=lambda:btnClick('/'))  
btn\_div.grid(row=4,column=3)  
root.mainloop()