Universidad Autónoma de Baja California

Facultad de Ingeniería, Arquitectura y Diseño

Lenguaje de Programación Python

Prof. Pedro Núñez Yepiz

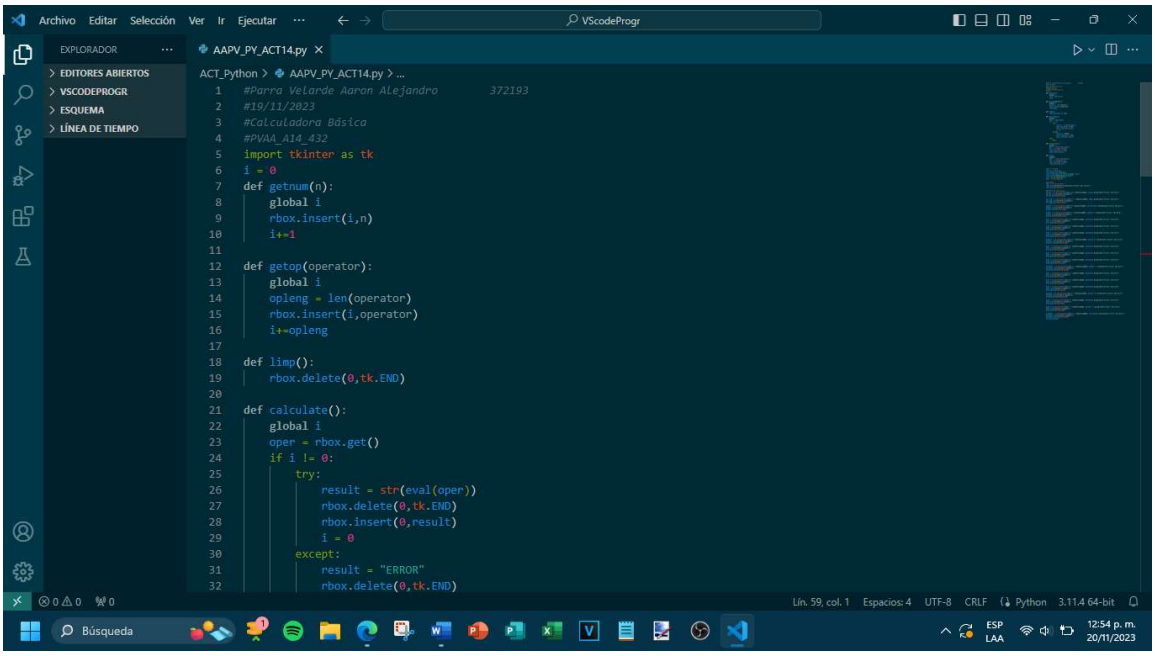
Aarón Alejandro Parra Velarde

Actividad 14 - Anexos

Grupo: 432

Matrícula: 372193

Ensenada, B.C., 20 de Noviembre de 2023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AAPV_PY_ACT14.py
EDITORES ABIERTOS
VSCODEPROGR
ESQUEMA
LÍNEA DE TIEMPO
ACT_Python > AAPV_PY_ACT14.py > ...
#Parra Velarde Aaron Alejandro 372193
#19/11/2023
#Calculadora Básica
#PVAA_A14_432
import tkinter as tk
i = 0
def getnum(n):
global i
rbox.insert(i,n)
i+=1
def getop(operator):
global i
opleng = len(operator)
rbox.insert(i,operator)
i+=opleng
def limp():
rbox.delete(0,tk.END)
def calculate():
global i
oper = rbox.get()
if i != 0:
try:
result = str(eval(oper))
rbox.delete(0,tk.END)
rbox.insert(0,result)
i = 0
except:
result = "ERROR"
rbox.delete(0,tk.END)
Lín. 59, col. 1 Espacios: 4 UTF-8 CRLF Python 3.11.4 64-bit
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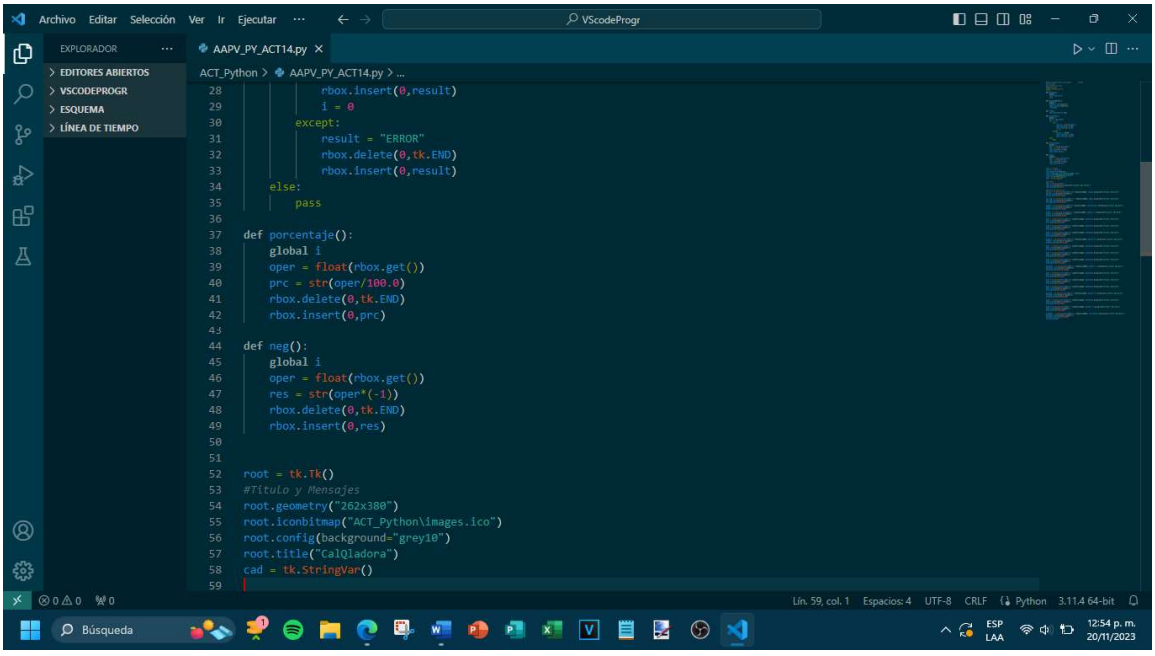
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rbox.insert(0,result)
i = 0
except:
result = "ERROR"
rbox.delete(0,tk.END)
rbox.insert(0,result)
else:
pass
def porcentaje():
global i
oper = float(rbox.get())
prc = str(oper/100.0)
rbox.delete(0,tk.END)
rbox.insert(0,prc)
def neg():
global i
oper = float(rbox.get())
res = str(oper*(-1))
rbox.delete(0,tk.END)
rbox.insert(0,res)
root = tk.Tk()
#Titulo y Mensajes
root.geometry("262x380")
root.iconbitmap("ACT_Python\images.ico")
root.config(background="grey10")
root.title("CalQladora")
cad = tk.StringVar()
Lín. 59, col. 1 Espacios: 4 UTF-8 CRLF Python 3.11.4 64-bit
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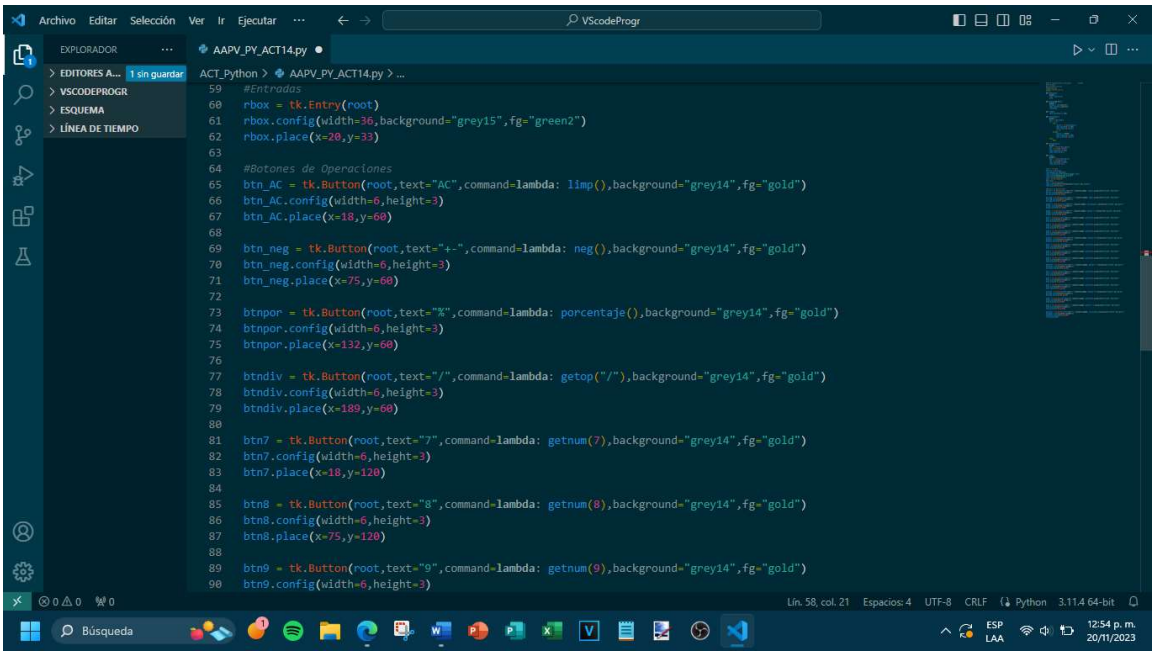
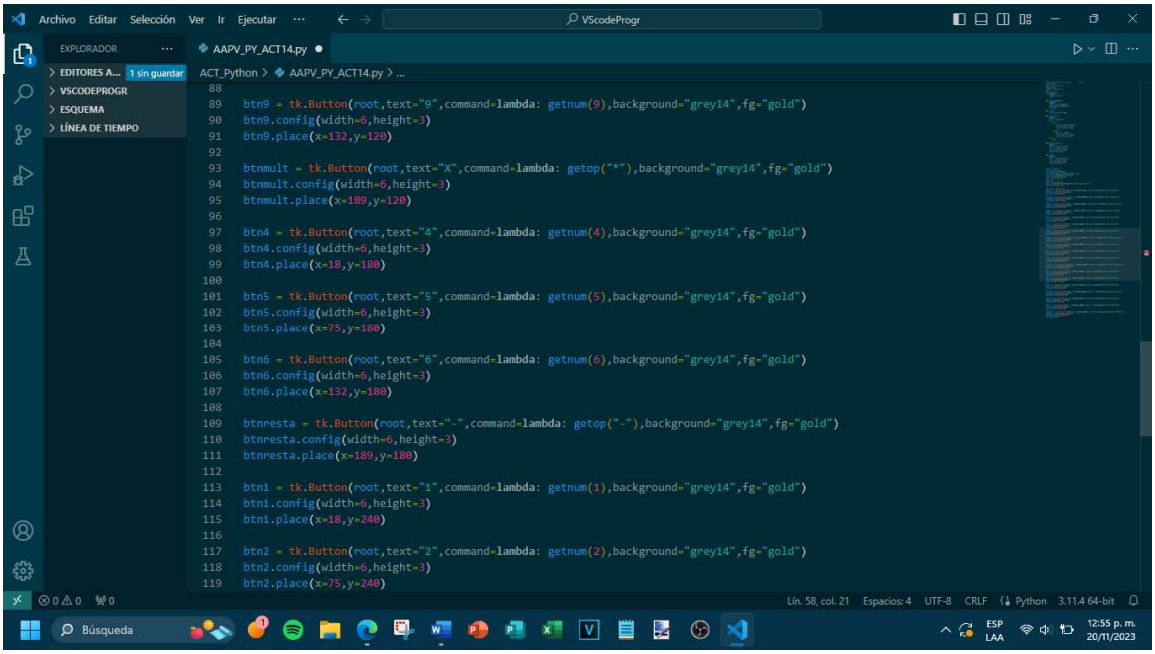
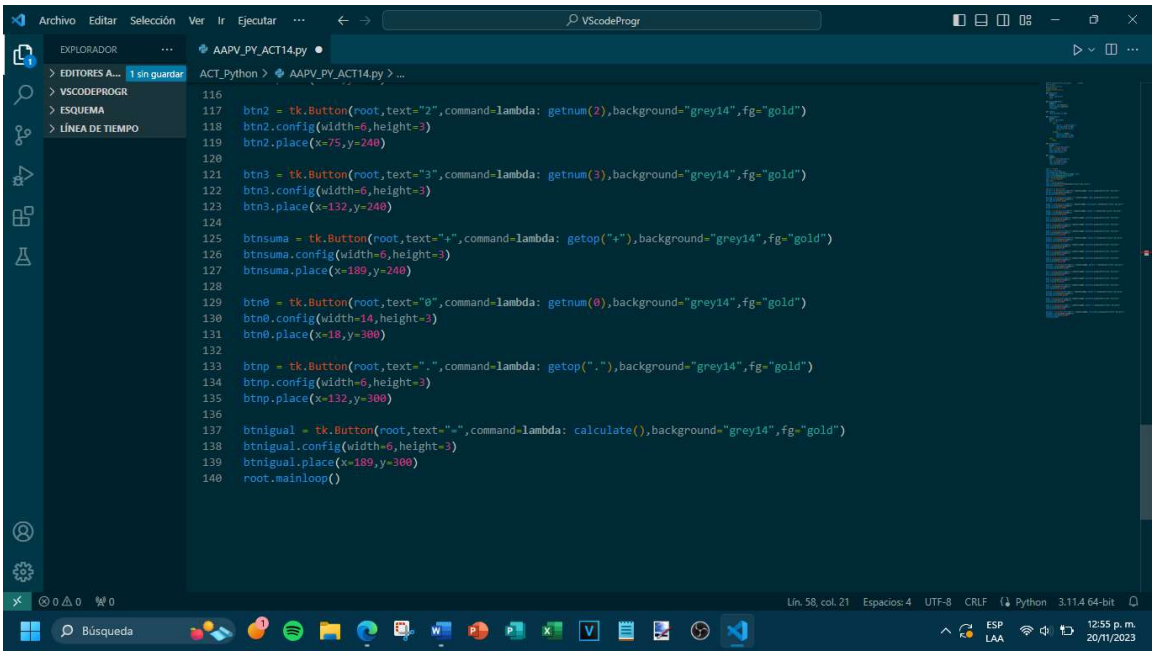


```
#Entradas
rbox = tk.Entry(root)
rbox.config(width=36,background="grey15",fg="green2")
rbox.place(x=20,y=33)

#Botones de Operaciones
btn_AC = tk.Button(root,text="AC",command=lambda: limp(),background="grey14",fg="gold")
btn_AC.config(width=6,height=3)
btn_AC.place(x=18,y=60)

btn_neg = tk.Button(root,text="+-",command=lambda: neg(),background="grey14",fg="gold")
btn_neg.config(width=6,height=3)
btn_neg.place(x=75,y=60)

btnpor = tk.Button(root,text="%",command=lambda: porcentaje(),background="grey14",fg="gold")
btnpor.config(width=6,height=3)
btnpor.place(x=132,y=60)

btndiv = tk.Button(root,text="/",command=lambda: getop("/"),background="grey14",fg="gold")
btndiv.config(width=6,height=3)
btndiv.place(x=189,y=60)

btn7 = tk.Button(root,text="7",command=lambda: getnum(7),background="grey14",fg="gold")
btn7.config(width=6,height=3)
btn7.place(x=18,y=120)

btn8 = tk.Button(root,text="8",command=lambda: getnum(8),background="grey14",fg="gold")
btn8.config(width=6,height=3)
btn8.place(x=75,y=120)

btn9 = tk.Button(root,text="9",command=lambda: getnum(9),background="grey14",fg="gold")
btn9.config(width=6,height=3)
```



```
btn9 = tk.Button(root,text="9",command=lambda: getnum(9),background="grey14",fg="gold")
btn9.config(width=6,height=3)
btn9.place(x=132,y=120)

btnmult = tk.Button(root,text="X",command=lambda: getop("*"),background="grey14",fg="gold")
btnmult.config(width=6,height=3)
btnmult.place(x=189,y=120)

btn4 = tk.Button(root,text="4",command=lambda: getnum(4),background="grey14",fg="gold")
btn4.config(width=6,height=3)
btn4.place(x=18,y=180)

btn5 = tk.Button(root,text="5",command=lambda: getnum(5),background="grey14",fg="gold")
btn5.config(width=6,height=3)
btn5.place(x=75,y=180)

btn6 = tk.Button(root,text="6",command=lambda: getnum(6),background="grey14",fg="gold")
btn6.config(width=6,height=3)
btn6.place(x=132,y=180)

btnresta = tk.Button(root,text="-",command=lambda: getop("-"),background="grey14",fg="gold")
btnresta.config(width=6,height=3)
btnresta.place(x=189,y=180)

btn1 = tk.Button(root,text="1",command=lambda: getnum(1),background="grey14",fg="gold")
btn1.config(width=6,height=3)
btn1.place(x=18,y=240)

btn2 = tk.Button(root,text="2",command=lambda: getnum(2),background="grey14",fg="gold")
btn2.config(width=6,height=3)
btn2.place(x=75,y=240)
```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116
117 btn2 = tk.Button(root,text="2",command=lambda: getnum(2),background="grey14",fg="gold")
118 btn2.config(width=6,height=3)
119 btn2.place(x=75,y=240)
120
121 btn3 = tk.Button(root,text="3",command=lambda: getnum(3),background="grey14",fg="gold")
122 btn3.config(width=6,height=3)
123 btn3.place(x=132,y=240)
124
125 btnsuma = tk.Button(root,text="+",command=lambda: getop("+"),background="grey14",fg="gold")
126 btnsuma.config(width=6,height=3)
127 btnsuma.place(x=189,y=240)
128
129 btn0 = tk.Button(root,text="0",command=lambda: getnum(0),background="grey14",fg="gold")
130 btn0.config(width=14,height=3)
131 btn0.place(x=18,y=300)
132
133 btnp = tk.Button(root,text=".",command=lambda: getop("."),background="grey14",fg="gold")
134 btnp.config(width=6,height=3)
135 btnp.place(x=132,y=300)
136
137 btnigual = tk.Button(root,text="=",command=lambda: calculate(),background="grey14",fg="gold")
138 btnigual.config(width=6,height=3)
139 btnigual.place(x=189,y=300)
140 root.mainloop()
Lín. 58, col. 21 Espacios: 4 UTF-8 CRLF Python 3.11.4 64-bit
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20/11/2023