

Universidad Autónoma de Baja California  
Facultad de Ingeniería, Arquitectura y Diseño



Lenguaje de Programación Python

Prof. Pedro Núñez Yepiz

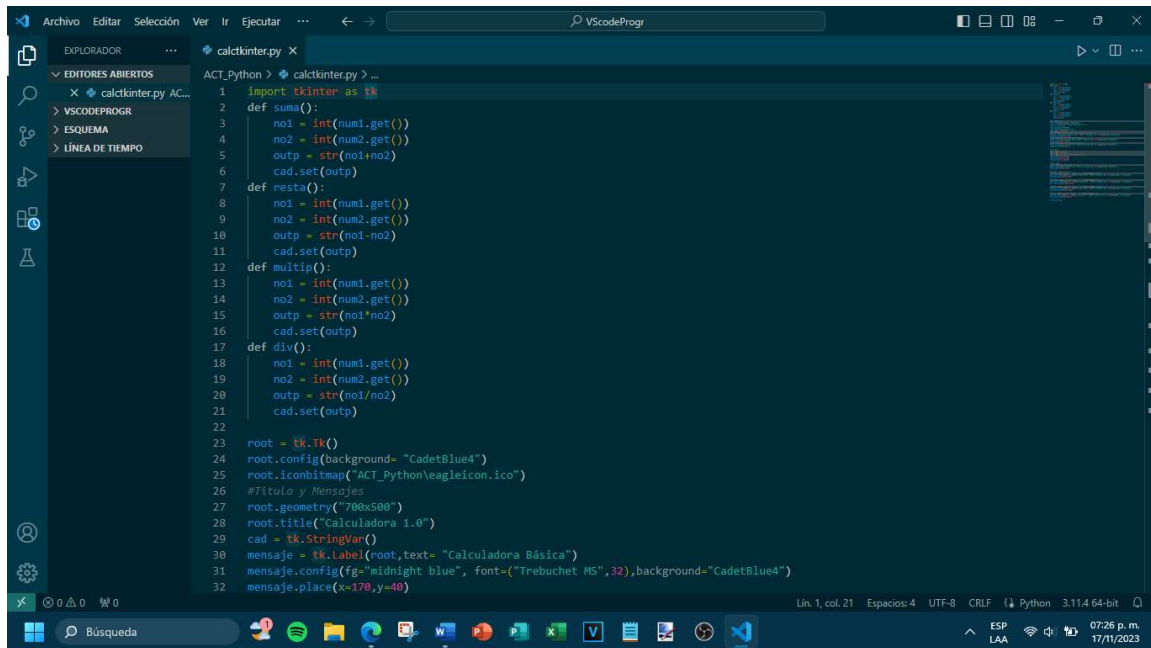
Aarón Alejandro Parra Velarde

Actividad 13 - Anexos

Grupo: 432

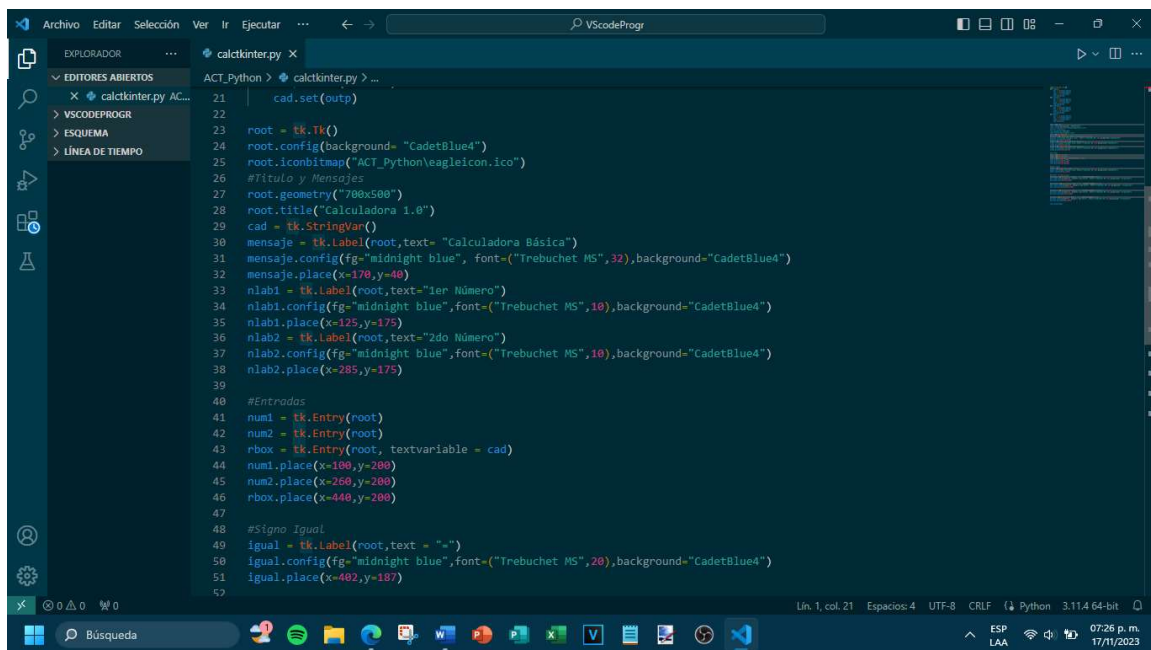
Matrícula: 372193

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This screenshot shows the first 32 lines of the `calckinter.py` file in VS Code. The code defines four functions: `suma()`, `resta()`, `multip()`, and `div()`. Each function takes two numbers from `num1.get()` and `num2.get()`, performs the operation, and updates the output label `cad` with `cad.set()`. The main block initializes the Tkinter window with a blue background, sets the title to "Calculadora 1.0", and creates a label `mensaje` with the text "Calculadora Básica".

```
1 import tkinter as tk
2 def suma():
3     no1 = int(num1.get())
4     no2 = int(num2.get())
5     outp = str(no1+no2)
6     cad.set(outp)
7 def resta():
8     no1 = int(num1.get())
9     no2 = int(num2.get())
10    outp = str(no1-no2)
11    cad.set(outp)
12 def multip():
13     no1 = int(num1.get())
14     no2 = int(num2.get())
15     outp = str(no1*no2)
16     cad.set(outp)
17 def div():
18     no1 = int(num1.get())
19     no2 = int(num2.get())
20     outp = str(no1/no2)
21     cad.set(outp)
22
23 root = tk.Tk()
24 root.config(background= "CadetBlue4")
25 root.iconbitmap("ACT_Python\eaagleicon.ico")
26 #Titulo y Mensajes
27 root.geometry("700x500")
28 root.title("Calculadora 1.0")
29 cad = tk.StringVar()
30 mensaje = tk.Label(root,text= "Calculadora Básica")
31 mensaje.config(fg="midnight blue", font=("Trebuchet MS",32),background="CadetBlue4")
32 mensaje.place(x=170,y=40)
```



This screenshot shows the continuation of the `calckinter.py` file, lines 21 through 59. It defines input fields `num1` and `num2` as `tk.Entry` widgets, and a radio button `rbox` linked to the `cad` variable. It also defines labels for the first and second numbers (`nlab1`, `nlab2`) and an equals sign label (`igual`). The code uses `place` geometry to position these elements on the window.

```
21     cad.set(outp)
22
23 root = tk.Tk()
24 root.config(background= "CadetBlue4")
25 root.iconbitmap("ACT_Python\eaagleicon.ico")
26 #Titulo y Mensajes
27 root.geometry("700x500")
28 root.title("Calculadora 1.0")
29 cad = tk.StringVar()
30 mensaje = tk.Label(root,text= "Calculadora Básica")
31 mensaje.config(fg="midnight blue", font=("Trebuchet MS",32),background="CadetBlue4")
32 mensaje.place(x=170,y=40)
33 nlab1 = tk.Label(root,text="1er Número")
34 nlab1.config(fg="midnight blue",font=("Trebuchet MS",10),background="CadetBlue4")
35 nlab1.place(x=125,y=175)
36 nlab2 = tk.Label(root,text="2do Número")
37 nlab2.config(fg="midnight blue",font=("Trebuchet MS",10),background="CadetBlue4")
38 nlab2.place(x=285,y=175)
39
40 #Entradas
41 num1 = tk.Entry(root)
42 num2 = tk.Entry(root)
43 rbox = tk.Entry(root, textvariable = cad)
44 num1.place(x=100,y=200)
45 num2.place(x=260,y=200)
46 rbox.place(x=440,y=200)
47
48 #Signo Igual
49 igual = tk.Label(root,text = "=")
50 igual.config(fg="midnight blue",font=("Trebuchet MS",20),background="CadetBlue4")
51 igual.place(x=402,y=187)
```

