import tkinter as tk

low, high = 1, 100

def guess():

global mid

mid = (low + high) // 2

label.config(text=f"My guess: {mid}")

def smaller():

global high

high = mid - 1

guess()

def larger():

global low

low = mid + 1

guess()

def correct():

label.config(text=f"Guessed it: {mid}")

b1.config(state="disabled")

b2.config(state="disabled")

b3.config(state="disabled")

def new():

global low, high

low, high = 1, 100

b1.config(state="normal")

b2.config(state="normal")

b3.config(state="normal")

guess()

label = tk.Label()

label.pack()

b1 = tk.Button(text="Too small", command=larger)

b1.pack()

b2 = tk.Button(text="Too large", command=smaller)

b2.pack()

b3 = tk.Button(text="Correct", command=correct)

b3.pack()

tk.Button(text="New game", command=new).pack()

new()

tk.mainloop()