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                                gui_test4
from guizero import App, Text, TextBox, PushButton, Slider, Picture
import serial
import time

a = 1
ser = serial.Serial("COM4", 9600)

def say_my_name():
    ser.reset_input_buffer()
    data = ser.read(4)
    string_data = data.decode('utf-8')
    welcome_message.value = string_data

def change_text_size(slider_value):
    welcome_message.size = slider_value

def send_start_message():
    ser.write(b'1')

def send_stop_message():
    ser.write(b'2')

app = App(title = "Conductivity readings")

welcome_message1 = Text(app, text="Welcome to Water Conductivity App", size=20,
font="Times New Roman", color="purple")
welcome_message = Text(app, text="", size=20, font="Times New Roman",
color="purple")
#my_name = TextBox(app, width=30)
update_text = PushButton(app, command=say_my_name, text="Display Voltage")
text_size = Slider(app, command=change_text_size, start=10, end=80)

action_start = PushButton(app, command=send_start_message, text="Start
Measuring")
action_stop = PushButton(app, command=send_stop_message, text="Stop
Measuring")

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app.display()