functin_temp.py

```python
#======================#
# IMPORT PACKAGE
#======================#
# from geopy.geocoders import nominatim
# from timezonefinder import TimezoneFinder
from tkinter import*
import tkinter as tk
from tkinter import ttk,messagebox
from datetime import datetime
import requests
import pytz

# import functin_temp
#======================#
# Main window
#======================#

root=Tk()
root.title('Weather App')
root.geometry('900x500+300+200')
root.resizable(False,False)




#======================#
#  FUNCTION
#======================#

def getweather():
    city = textfield.get()
    api_url = f"https://api.openweathermap.org/data/2.5/weather?q={city}&appid=
496edb21c74fe7b933eec419e5ce8985"

    try:
        response = requests.get(api_url)
        data = response.json()
        if data["cod"] == 200:  # Check if API response is successful
            # Extract weather information from the API response
            temperature_kelvin = data["main"]["temp"]
            temperature_celsius = temperature_kelvin - 273.15
            weather_description = data["weather"][0]["description"]
            wind_speed = data["wind"]["speed"]
            humidity = data["main"]["humidity"]
            pressure = data["main"]["pressure"]

            # Update the labels with weather information
            t.config(text=f"{temperature_celsius:.1f}°C")
            w.config(text=f"{wind_speed} m/s")
            h.config(text=f"{humidity}%")
            d.config(text=weather_description)
            p.config(text=f"{pressure} hPa")
        else:
            messagebox.showerror("Error", "City not found!")
    except Exception as e:
        messagebox.showerror("Error", f"An error occurred: {e}")
```

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57
58
59  #======================#
60  #  WEATHER
61  #======================#
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68
69  #======================#
70  #  Search Box
71  #======================#
72  search_image=PhotoImage(file='D:\@PROJECTS\Weather\Image\search.png')
73  myimage=Label(image=search_image)
74  myimage.place(x=14,y=20)
75  textfield=tk.Entry(root,justify="center",width=20,font=("poppins",25,"bold"),bg="#404040",fg="white")
76  textfield.place(x=50,y=40)
77  textfield.focus()
78
79  search_icon=PhotoImage(file="D:\@PROJECTS\Weather/Image/search_icon.png")
80  myimage_icon=Button(image=search_icon,borderwidth=0,cursor="hand2",bg="#404040",command=
    getweather)
81  myimage_icon.place(x=400,y=34)
82
83  #======================#
84  #  LOGO
85  #======================#
86
87  logo_image=PhotoImage(file="D:\@PROJECTS\Weather/Image/logo.png")
88  logo=Label(image=logo_image)
89  logo.place(x=150,y=100)
90
91  #======================#
92  #  BOTTOM BOX
93  #======================#
94
95  frame_image=PhotoImage(file="D:\@PROJECTS\Weather/Image/box.png")
96  frame_myimage=Label(image=frame_image)
97  frame_myimage.pack(padx=5, pady=5, side=BOTTOM)
98  #======================#
99  #  BOTTOM BOX
100 #======================#
101
102 name=Label(root,font=("arial",15,"bold"))
103 name.place(x=30,y=100 )
104 clock=Label(root,font=("Helvetica",20))
105 clock.place(x=30,y=130)
106
107
108 #======================#
109 #  LABEL
110 #======================#
111
112 label1=Label(root,text="WIND",font=("Helvetica",15,"bold"),fg="white",bg="#1ab5ef")
113 label1.place(x=120,y=400)
114
115 label2=Label(root,text="HUMIDTY",font=("Helvetica",15,"bold"),fg="white",bg="#1ab5ef")
```

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label2.place(x=250,y=400)

label3=Label(root,text="DESCRIPTION",font=("Helvetica",15,"bold"),fg="white",bg="#1ab5ef")
label3.place(x=430,y=400)

label4=Label(root,text="PRESSURE",font=("Helvetica",15,"bold"),fg="white",bg="#1ab5ef")
label4.place(x=650,y=400)

t=Label(font=("arial",70,"bold"),fg='#ee666d')
t.place(x=400,y=150)
c=Label(font=("arial",15,"bold"))
c.place(x=400,y=250)

w=Label(text="...",font=("arial",20,"bold"),bg="#1ab5ef")
w.place(x=120,y=430)
h=Label(text="...",font=("arial",20,"bold"),bg="#1ab5ef")
h.place(x=280,y=430)
d=Label(text="...",font=("arial",20,"bold"),bg="#1ab5ef")
d.place(x=450,y=430)
p=Label(text="...",font=("arial",20,"bold"),bg="#1ab5ef")
p.place(x=670,y=430)

root.mainloop()

```