WhatsApp Message Sender using PyAutoGUI - Code Explanation

# 🎯 Purpose

This script uses the `pyautogui` module to automatically type and send a message on WhatsApp Web. It simulates human keyboard actions to send messages to a contact in an open WhatsApp Web chat.

# 🧾 Python Code

# Importing the required module  
import pyautogui as pg  
import time  
  
# Giving Delay to run program  
print("program will run after 5 second")  
time.sleep(5)  
print("running")  
  
# Note : after running the program immediately open whatsapp web then open the persons chat you want to send messages  
  
# For loop  
for i in range(1):  
 # writing the messages  
 pg.write("Hi, This is automatic random message generated by python")  
 time.sleep(0.5)   
 # Sending the messages by pressing enter  
 pg.press("Enter")

# 🔍 Code Explanation

## 1. Import Modules

- `pyautogui` is used for GUI automation, simulating keyboard input.  
- `time` is used to introduce delays between operations.

## 2. Delay Before Start

The program waits for 5 seconds after starting, allowing you time to switch to the WhatsApp Web chat window.

## 3. Loop to Send Messages

- A `for` loop is used to send the message. Currently, it's set to run once (`range(1)`).  
- `pg.write(...)` types the message.  
- `pg.press('Enter')` simulates pressing the Enter key to send the message.

# 📝 Important Notes

- Make sure the WhatsApp Web chat window is open and active when the script runs.  
- This script mimics keyboard input, so avoid moving your mouse or typing while it runs.  
- You can increase the loop count to send multiple messages.