To Run Keylogger in Kali linux, Follow these steps:

Step 1: Install Python and venv (if not already installed)

Ensure that Python and the venv module are installed on your Kali Linux system. You can install them using the following commands:

sudo apt update

sudo apt install python3 python3-venv python3-pip

Step 2: Create a Virtual Environment:

1. Navigate to the directory where you want to create your virutal environment. For example, if you want to create it in your home directory:

cd ~

2. Create the virtual environment by running the following command. Replace myenv with whatever name you prefer for your environment:

python3 –m venv myenv

Step 3: Activate the Virtual Environment:

To activate the virtual environment, use this command:

Source myenv/bin/activate

After activation, your prompt should change to show the virtual environment name. For example, it will look like this:

(myenv) user@kali:~$

Step 4: Install Dependencies in the Virtual Environment

Now that your virtual environment is activated, install the necessary dependencies for you script (e.g., pyautogui, pyxhook, pynput, psutil) in the virtual environment.

Run the following commands:

pip install pyautogui pyxhook pynput psutil

Additionally, you may need to install xdotool if it's not installed:

sudo apt install xdotool

(Note: xdotool cannot be installed via pip because it is a system utility and not a Python package.)

Step 5: Download the Keylogger.py file.

Step 6: Run the Python Script in the Virtual Environment

With the virtual environment activated and dependencies installed, run the Python script as follows:

python keylogger.py

You can also make the script executable (optional):

chmod +x keylogger.py

And run it directly:

./kyelogger.py

Step 7: Deactivate the Virtual Environment (When Done)

When your're done and want to deactivate the virtual environment, just run:

deactivate

This will return you to your global Python environment.