Run an Irfanview Slideshow in Ubuntu 22.04 under Wine

This file describes how I ran a looping Irfanview slideshow in Ubuntu 22.04

From the **Terminal** in **Ubuntu 22.04**, install **Wine**. Wine allows one to run some **Windows** programs on **Linux** systems.
These are the steps to install and enable **Wine**
Download **Wine** from https://www.winehq.org/
I recommend that you paste the commands directly from that page into your Ubuntu Terminal
For those who choose not to do so, I have listed those commands below. Actual commands are *in green bold Italics*

(If your system is 64 bit, enable 32 bit architecture (if you haven't already):

sudo dpkg --add-architecture i386

(Add the repository - Download and add the repository key)

sudo mkdir -pm755 /etc/apt/keyrings

sudo wget -O /etc/apt/keyrings/winehq-archive.key https://dl.winehq.org/wine-builds/winehq.key

(Select your Ubuntu version and download the WineHQ sources file)

(For Ubuntu 22.04 (Jammy Jellyfish) and Linux Mint 21.x)

sudo wget -NP /etc/apt/sources.list.d/ https://dl.winehq.org/wine-builds/ubuntu/dists/jammy/winehq-jammy.sources

(Update the package information)

sudo apt update

(Install Wine-Stable branch)

sudo apt install --install-recommends winehq-stable

Once that you have successfully installed **Wine**, download the 64 bit version of **Irfanview**. It is easiest to do this from the same Ubuntu computer used for downloading Wine. I used the Fosshub mirror:
https://www.fosshub.com/IrfanView.html
Also download the Irfanview Plugins: https://www.fosshub.com/IrfanView.html

Locate the downloaded **Irfanview** files. I downloaded mine them directly into the **Downloads** folder
Right click on the **Irfanview .exe file** and choose the option to open with **Wine Windows Program Loader**

Do the same with the **Irfanview Plugins**

You are now ready to create a slideshow with **Irfanview** just as you would if it were running on a **Windows** computer**.**

Create a slideshow with Irfanview
For detailed instructions, see my tutorial at
https://www.youtube.com/watch?v=7EEkHF8Uik0&ab_channel=RalphSutter
I explain how do save the slideshow as a self-contained .exe file at
https://youtu.be/7EEkHF8Uik0?t=187

Back to Ubuntu

Create the **BASH** script to launch the **Irfanview** slideshow from the **Ubuntu Terminal** with one click
See my tutorial on BASH Scripting at https://www.fullbean.com/computer/linux/bash-scripting.docx

For your convenience, I have modified those instructions below to reflect my **slideshow** BASH Script

Directions
Create the BASH script(s) and place them in the **bin** directory.
It must be located in the directory /usr/local/bin
If it resides anywhere else, the script will not work

Here is how to create the script
Open the **Terminal** and type the following
cd /usr/local
sudo mkdir bin
sudo nano slideshow
(This launches the **Nano Editor** at a new file called **slideshow** in the **bin** directory)

In the **Nano Editor**, type the following text shown in the box. Replace **sutter-slide.exe** with whatever you named the Irfanview self-contained .exe file.
If **Leah Smith** created the .exe file, the line cd /home/rsutter/.wine/drive_c/TEMP would change to something like cd /home/smith/.wine/drive_c/TEMP
Likewise, the line wine sutter-slide.exe might become wine some-name.exe
Please adjust the commands to match your personal information
Remember to include the period (.) before wine in the line cd/home/rsutter/.wine/drive_c/TEMP

Type the content within the box in the slideshow file that you just created above

```
#!/bin/bash
# Simple script to run Irfanview slideshow from Terminal with Wine
cd /home/rsutter/.wine/drive_c/TEMP
wine sutter-slide.exe
# I saved an Irfanview slideshow as sutter-slide.exe in the Wine created TEMP directory
exit
# The exit command closes the terminal
```

To save the file, hold down the **Ctrl** key and press **O** (the upper case o, not the number zero)
You have now closed **Nano** and are back at the **Terminal**.
At the **Terminal** while still in the **bin** directory (/usr/local/bin), type the following command

sudo chmod +x slideshow

This action makes up executable. To run the BASH script, from the **Terminal** type the following
sudo slideshow