**Assignment no 12 (Group C)**

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Roll no: 31 Subject: Risk Assesment Laboratory

**Title :** Install and use open source tools to Identifying various types of attacks on IoT device. Analyze the risks associated with the attacks. Write a C++/Java/Python program to identify at least one such attack.

**Code :**

**!pip install scapy**

**from scapy.all import sniff, IP, TCP**

**def packet\_handler(packet):**

**if IP in packet and TCP in packet:**

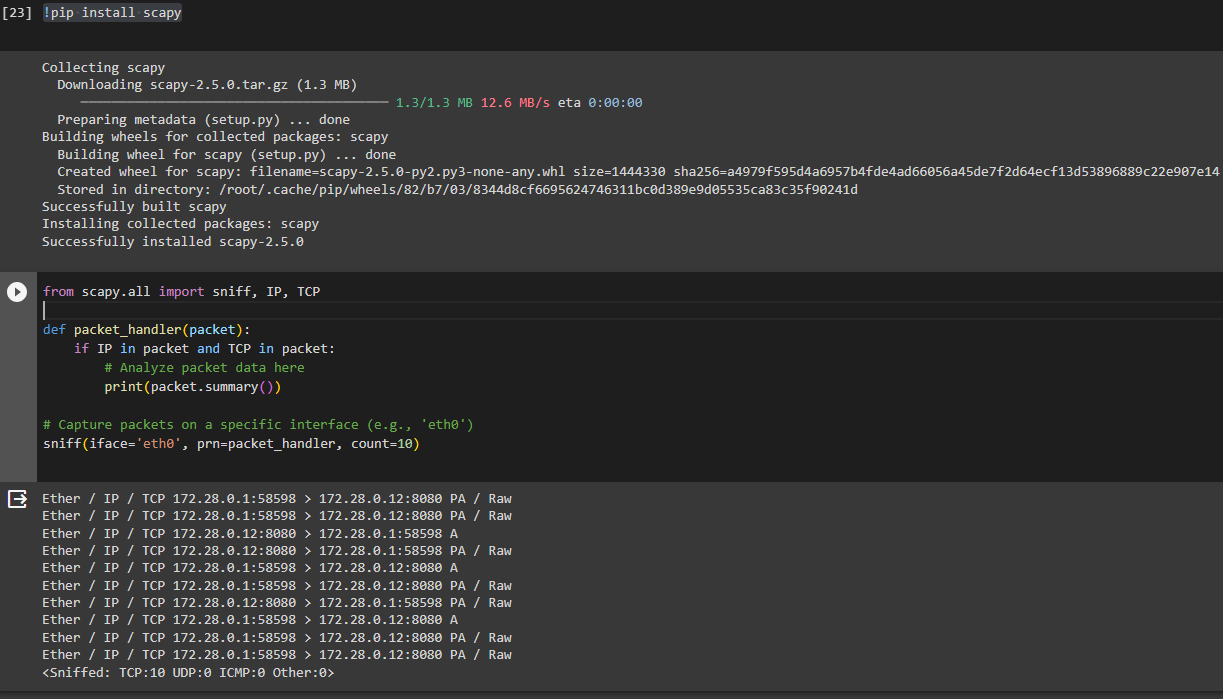
**# Analyze packet data here**

**print(packet.summary())**

**# Capture packets on a specific interface (e.g., 'eth0')**

**sniff(iface='eth0', prn=packet\_handler, count=10)**

**Output :**

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