**Explanation:**

1. **Imports:** We import sniff and Packet from Scapy.
2. **analyze packet function:**
   * Takes a captured packet as input.
   * Checks if the packet has an IP layer and extracts source and destination IP addresses.
   * Identifies the protocol (TCP, UDP, or other) and extracts port numbers if applicable.
   * Prints basic information about the packet in a readable format.

**main function:**

* + Optionally specifies the network interface to capture from (uncomment and replace with your interface name).
  + Uses sniff to capture packets from the specified interface (or all interfaces if not provided).
  + Sets the prn parameter of sniff to the analyze\_packet function, which will be called for each captured packet.

**Running the Script:**

1. Install Scapy: pip install scapy
2. Run the script: python sniffer.py