**3 DIFFERENT PROTOCOLS IN THE CAPTURE:**

 HTTP → Web traffic (port 80).

 DNS → (Domain Name System) → resolves website names.

 TCP → Transport Control Protocol, underlying many connections.

**Wireshark Capture Summary:**

**Protocols Identified:**

* **HTTP**: Web browsing traffic, typically on port 80.
* **TCP**: Core transport protocol for reliable connections.
* **DNS**: Resolves domain names to IP addresses.

**Interesting Packets:**

* **Packet #**1702: DNS 75 Standard query for [www.youtube.com](http://www.youtube.com).
* **Packet #**74400: DNS 81 Standard query A gateway.grammarly.com.
* **Packet #**23: HTTP 270 POST /api HTTP/1.1 (application/x-www-form-urlencoded).

**Packet Details Observed:**

* Source and destination IP addresses.
* Source and destination ports.
* Protocol used.
* Packet size.
* Time between packets.