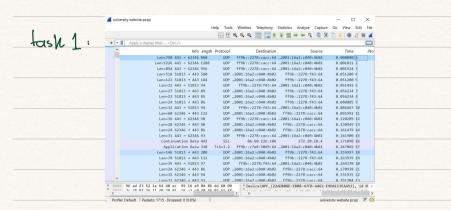
Part 1: Capturing HTTP Traffic



1 : http regulat. HEAD method and URL Path

1) : http response, status code 200 ON

Part 2: AnalyZing TCP/IP Traffic

Wireshark-Follow TCP Stream (tp.Stream eq 37) - university website.pcap

TASA

**NEAD /edged1/diffgon-puffin/hrinkpialhingladdgfemghofafblamis/
3bbc6as/2ddf7c4db3bas/1452e3d23ae68187e0e0e047e401 HTTP/1.1

**Onnection: Keep-Alive
Accept: //
Accept-frecoding: identity
User-Agent: Microsoft 8175/7.8

**Ibust: edged1. m.,prtl.com

HTTP/1.1 200 OK
accept-ranges: bytes
content-content-security-policy: default-arc 'none'
server: Google-fedge-Cache
x-content-type-options: noniff
x-frame-options: SME(BIGIL)
x-xss-protection: 0
x-request-161 \$132a669-b2c4-48:09-b2d4-ff139692b7c
dege: 6280

Last-modifiadis \$31,24659-b2d4-48:09-b2d4-ff139692b7c
dege: 6280-dege: 6280-dege

task 2:

Seq=0 Win=64660 Len=0 MSS=1220 WS=256 SACK_PERM [SYN] 80 → 60755 86

Seq=0 Ack=1 Win=65535 Len=0 MSS=1388 SACK_PERM WS=256 [SYN, ACK] 60755 → 80 86

Seq=1 Ack=1 Win=131584 Len=0 [ACK] 80 → 60755 74

TCP ::2600:1900:4110:86f ...2001:16a2:c040:4b02 ::2600:1900:400:16a2:c040:4b02 ::2600:

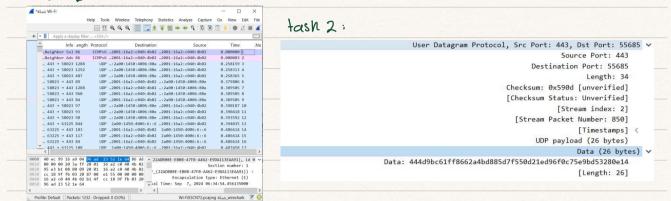
SYN , Seq_ , O ACN_ , No information

SVN-ACM: Seg _ + O Ack _ + 1

Ach: Sey_+1 Ach -- 1

Part 3: Capturing and analyzing UDP traffic





Part H: ComParing TCP & UDP

-		TCP or UDP	Reasons
	Reliability and Connection Establishment	TCP	TCP ensures that data is delivered accurately and in order, also it uses three way hand-shalle process
	Data Integrity and Ordering	TCP	Provide error recovery and in-sequence delivery

	TCP	UDP
Use cases	· web browsing · deliver Email accuratly · file transfer	· Streaming media
Performance	· high reliability · correct order · error checking and recovery	· low latency · out of order · Faist