wireshark filter

Syn and Syn-Ack

tcp	tcp.flags.syn==1							
lo.	Time	Source	Destination	Protocol	Length Info			
-	17 27.282700261	192.168.195.174	172.25.8.201	TCP	74 48244 → 80 [[SYN] Seq=0 Win=29200 Len=0		
	18 27.283416058	172.25.8.201	192.168.195.174	TCP	74 80 - 48244 [[SYN, ACK] Seq=0 Ack=1 Win=1		
	36 37.939183991	192.168.195.174	172.25.8.201	TCP	74 48246 → 80 [[SYN] Seq=0 Win=29200 Len=0		
	37 37.940977850	172.25.8.201	192.168.195.174	TCP	74 89 - 48246 [[SYN, ACK] Seq=0 Ack=1 Win=1		

Ack after Syn-Ack

tcp.flags.ack==1 && tcp.seq==1 && tcp.len==0 && tcp.ack==1								
No.	Time	Source	Destination	Protocol	Length Info			
	19 27.283481605	192.168.195.174	172.25.8.201	TCP	66 48244 → 80 [ACK] Seq=1			
	38 37.941772765	192.168.195.174	172.25.8.201	TCP	66 48246 → 80 [ACK] Seq=1			

Only specific packet number

frame.number==20							
No.	Time	Source	Destination	Protocol	Length Info		
+	20 27.283532750	172.25.8.181	192.168.195.174	DNS	137 Stand		

Filter by protocol

- htt	P				
No.	Time	Source	Destination	Protocol	Length Info
+	22 27.283714565	192.168.195.174	172.25.8.201	HTTP	387 GET / HTTP/1.1
-	24 27.284868356	172.25.8.201	192.168.195.174	HTTP	422 HTTP/1.1 200 OK (text/html)
+	26 29.977617112	192.168.195.174	172.25.8.201	HTTP	434 GET /student HTTP/1.1
	27 29.979726685	172.25.8.201	192.168.195.174	HTTP	584 HTTP/1.1 301 Moved Permanently
	29 30.001599779	192.168.195.174	172.25.8.201	HTTP	435 GET /student/ HTTP/1.1
	31 30.082321391	172.25.8.201	192.168.195.174	HTTP	421 HTTP/1.1 200 OK (text/html)
	39 37.942206033	192.168.195.174	172.25.8.201	HTTP	536 POST /student/index.py HTTP/1.1
	41 38.051321261	172.25.8.201	192.168.195.174	HTTP	445 HTTP/1.1 200 OK (text/html)

Right click and follow http stream

http)					
Vo.	Time	Source	Destination	Protocol	Length Info	
+	22 27.283714565	192.168.195.174	172.25.8.201	HTTP	387 GET .	/ HTTP/1.1

GET / HTTP/1.1

Host: server201.example.com

User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:52.0) Gecko/20100101 Firefox/52.0

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Language: en-US,en;q=0.5 Accept-Encoding: gzip, deflate

Connection: keep-alive

Upgrade-Insecure-Requests: 1

3 packet in sequence

frame.number >= 17 && frame.number <= 19								
No.	Time	Source	Destination	Protocol	Length Info			
Г	17 27.282700261	192.168.195.174	172.25.8.201	TCP	74 48244 - 80 [SYN] Seq=0			
	18 27.283416058	172.25.8.201	192.168.195.174	TCP	74 80 → 48244 [SYN, ACK]			
	19 27.283481605	192.168.195.174	172.25.8.201	TCP	66 48244 → 80 [ACK] Seq=1			