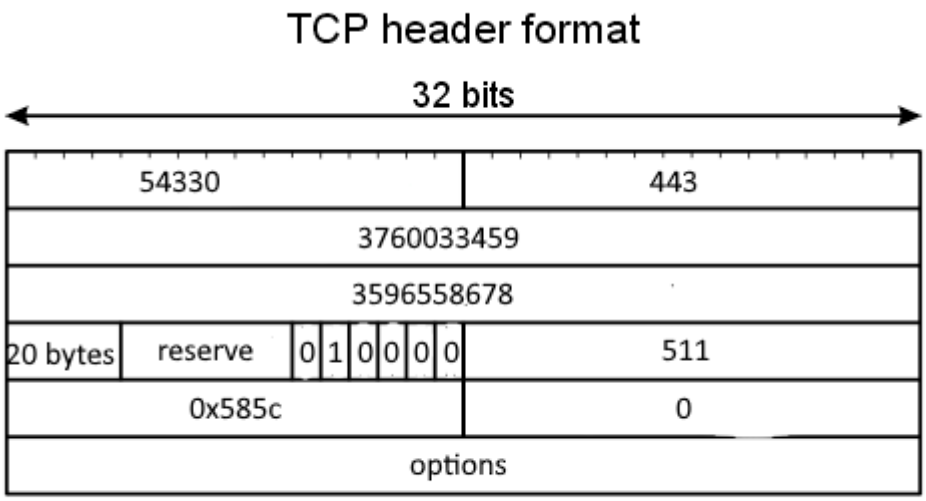
```
Internet Protocol Version 4, Src: 192.168.1.14, Dst: 162.247.243.147
Transmission Control Protocol, Src Port: 54330, Dst Port: 443, Seq:
    Source Port: 54330
    Destination Port: 443
    [Stream index: 9]
    [TCP Segment Len: 0]
    Sequence Number: 1263    (relative sequence number)
    Sequence Number (raw): 3760033459
    [Next Sequence Number: 1263    (relative sequence number)]
    Acknowledgment Number: 4381    (relative ack number)
    Acknowledgment number (raw): 3596558678
    0101 .... = Header Length: 20 bytes (5)
  > Flags: 0x010 (ACK)
    Window: 511
    [Calculated window size: 130816]
    [Window size scaling factor: 256]
    Checksum: 0x585c [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
  > [SEQ/ACK analysis]
  > [Timestamps]
```

TCP Packet

```
Ethernet II, Src: 62:c1:48:40:27:d2 (62
Internet Protocol Version 4, Src: 192.1
User Datagram Protocol, Src Port: 57087
    Source Port: 57087
    Destination Port: 27025
    Length: 92
    Checksum: 0x2966 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 6]
  > [Timestamps]
    UDP payload (84 bytes)
Data (84 bytes)
```

UDP Packet

Question 1



Question 2

UDP Datagram Header Format

Bit #	0 7	8 15	16 23	24 31
0	57087		27025	
32	92		0x2966	

Question 3

C0 a8

01 0e

----= C1B6

A2 FE

C4 43

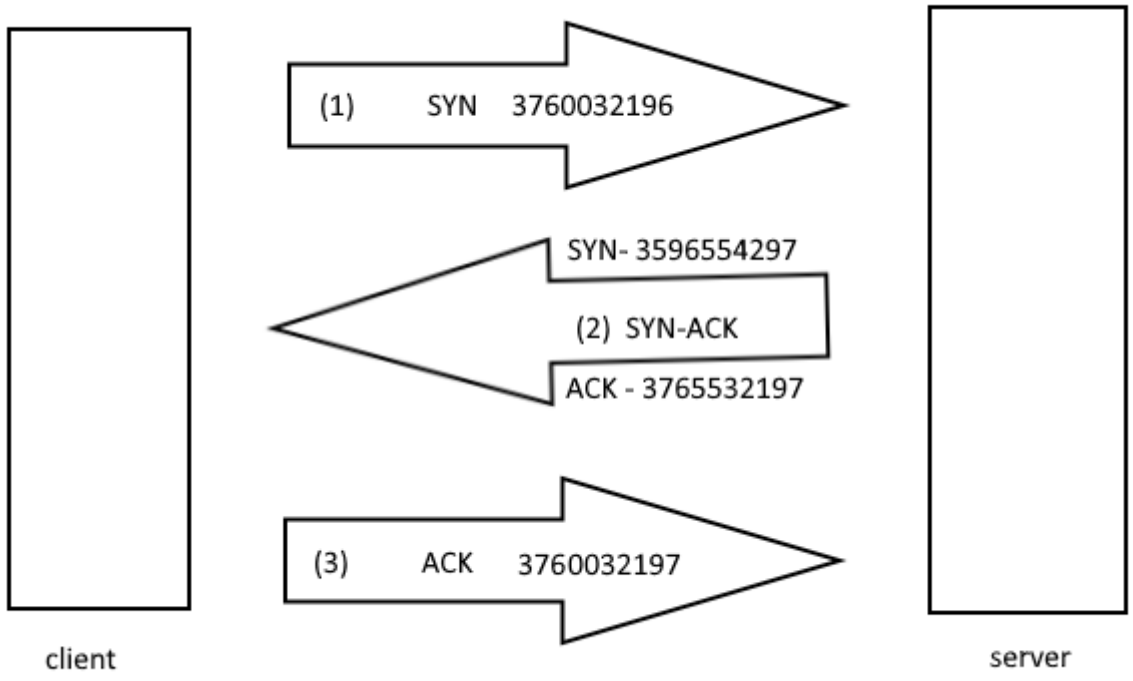
---= 6742

Question 4

TCP packets were mainly used

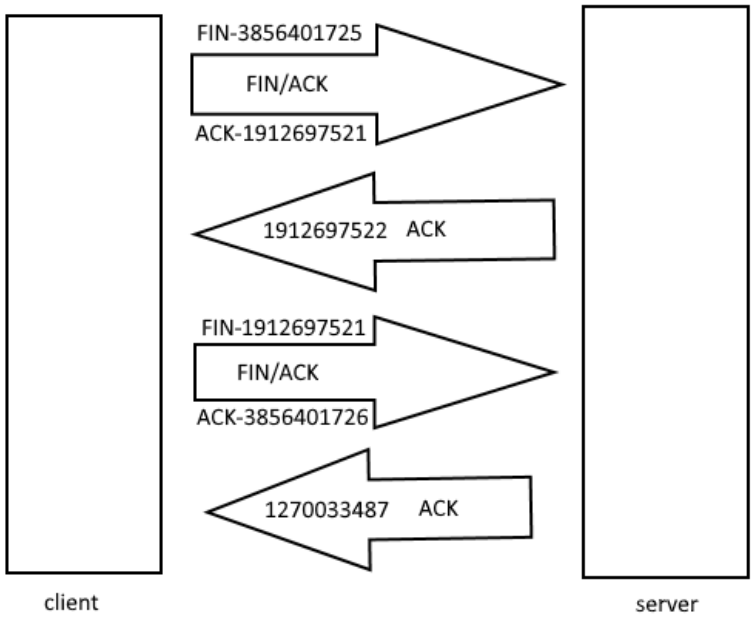
Question 5

A 3-way handshake is a three step process to establish a connection between the client and the server



Question 6

A 4-way Teardown is a process used to terminate TCP connections


FIN-3856401725
FIN/ACK
ACK-1912697521
1912697522 ACK
FIN-1912697521
FIN/ACK
ACK-3856401726
1270033487 ACK
client
server