

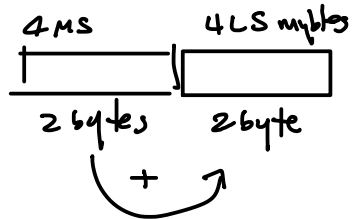
Lecture 25- Review

IPv4 Checksums

① group bytes into 16-bit words

1 0 1 2
2 1 6 5
1 9 7 3
⋮

Σ

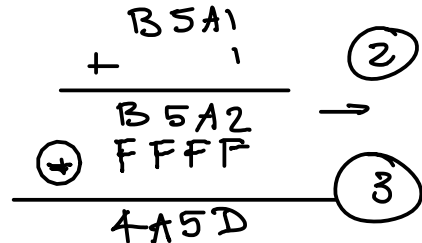
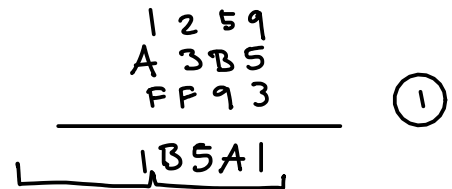


② add MS 16 bits to LS 16 bits

③ invert each bit (or XOR with 0xFFFF)

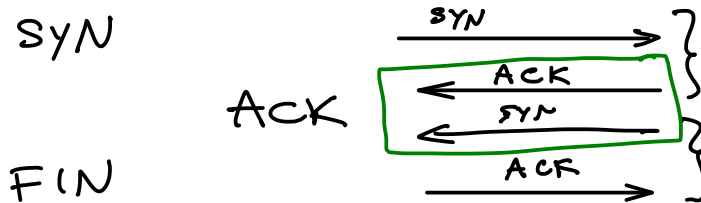
12 59 A3 B5 FF 93

6 bytes
3 16-bit words
12 nybbles



0610
↓
1101

Asg 5 Q.3 : TCP flags.



if only SYN is set then response will have ACK (or, more likely) both SYN & ACK set.