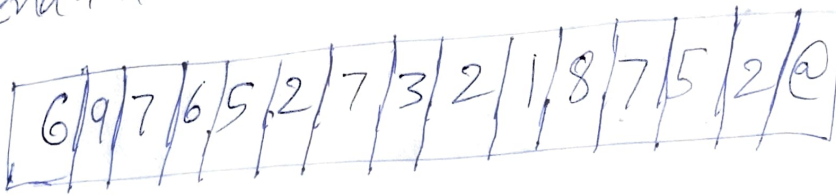


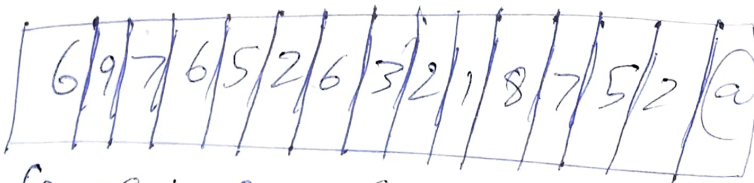
TUTORIAL - 1

IN-tutorial

①a) Shawn Mendes wants to send a message 47652321875@ to his friend. While sending the message he used count framing method. Find the number of frames at received at the receiver end and illustrate the independent frames.



A) frame 1 size = 6
frame 1 bits are 697652
frame 2 size = 7
frame 2 bits are 7,3,2,1,8,7,5
frame 3, size = 2
frame 3 bits are 2 @



frame 1 size = 6

frame 1 bits are 6,9,7,6,5,2

frame 2 size = 6 → 6,3,2,1,8,7

frame 3 size = 5

frame 3 bits are 5,2 @

No of frames received in receiver end is 3. Where frame 3 is not satisfying the header and character count rule.

2) Scream indicates the beginning and the ending rule of frames. ^{illusions} what happened if the sequence scream is found in message
Note: Neglects space b/w words

Frame:- I SCREAM YOU SCREAM WE ALL SCREAM
FOR AN ICE CREAM

A) Beginning SCREAM
END SCREAM

Frame: I, SCREAM YOU SCREAM WE ALL
SCREAM FOR AN ICE CREAM

stuffing byte: ESC

AFTER stuffing:- SCREAM I ESC SCREAM
YOU ESC SCREAM WE ALL ESC
SCREAM FOR AN ICE CREAM SCREAM