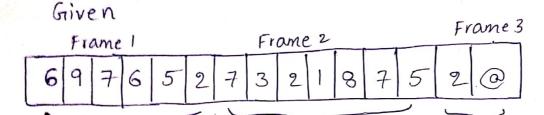
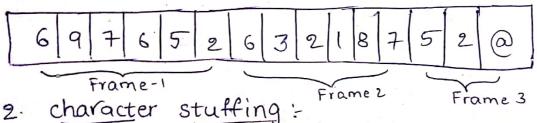
CNS (Tutorial-1)

In-Tutorial

1. Send a message "97652321875@" character count framing method:



Due to error the character count of framez is changed from 7 to 6. Then the frames will be



Given:

I SCREAM YOU SCREAM WE ALL SCREAM FOR AN ILECREAM

The stuffing byte is 'Esc' SCREAM I ESC SCREAM YOU ESC (SOF)

SCREAM WE ALL ESC SCREAM FOR AN ICECREAM SCREAM (EDF)

FLAG STX		YOUR	SUBMISSION	15
FLAG	GED	FLAG	ETX	

The data passed to the recieverside is 'your submission is flagged'.

The disadvantage is to transfer small bit of data, it takes more bits for the character stuffing

4. i) The code word 201 = 11001001

Bit stuffing

flag = 01111110

01111110 11001001 01111110

il) Given

71'5

FLAG = OIIIIIIIO

OIII.11110 O110111110 100 111110 11110 11110 000 The FLAG

iii) data = 0110111111

FLAG = 01110

01110 011011 011 01110 Stuffed Bit

-) If we write the stuffed bit there, then it can be considered as a flag so the next data will not included in the receiver side.

Post Tutorial

1. Data: WORRY LESS SMILE MORE!
Given data into frames as sizes
4,5,2,7,6

4WORRTYLESS2S7MILEMO6REI

2. Given

DLE	STX	DON'T	BE	IDLE	DIE	ple	STX
			-				

Data: Don't be IDLE

3. Data = 1110001100111

FLAG = 01111110

After bit stuffing

Flag : 01111110

Before Bit Ituffing,

data: 1110111110111110 1011110

stuffed stuffed bit bit

because the stuffed bit must be added it we get 6 according to the flag

: data = 1110111 11111111011110