Lecture -20 SDE	Date 14/03/18 Page
#	Emor control in TCP
	TCP & is a reliable transport layer protocol.
	The provides reliability using error control
	Mechanisms -
	checknen
	Acknowledgement
	Time-out
	Detects commy syments, lost signents, our of order
	signents, duplicared syments
	Fire put: when few fraumismon has not been
	actournedged.
	Checknun
	TO we a 16-bit checkness that is mandatory in every segment
	checkmen field in each syment is required to check for a
	compted agment.
	If the segment is compted, it is disconded by the
	destination TCP and is considered as long.
	TCP theckness are calculated give the entire segment,
	both the header and the data.
	The entire agreen is dévided 16 pit pieces à added up.
	Actualledgemen.
	Tel uses accommudgement to confum the receipt of the segment
	· Alk segments au never actonomledges.
1-6,4,3	Notes -
tu	They buffer of data is each connection are numbered by TCP.
_	The numbering starts with a randowly generated number
	The value in the sequence no field of a segment outness
	the no of the first data tryte contained in that symen
	Action redgment no is cumulative.

