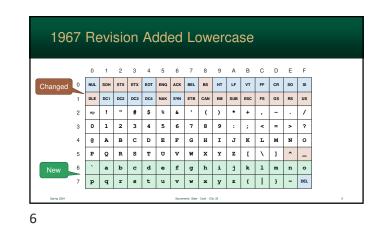




Original 1963 ASCII Proposal																
	0	1	2	3	4	5	6	7	8	9	А	в	с	D	Е	F
0	NUL	SOM	EOA	EOM	EOT	WRU	RU	BEL	FE0	нт	LF	VT	FF	CR	so	sı
1	DC0	DC1	DC2	DC3	DC4	ERR	SYN	LEM	S0	S1	S2	S3	<b>S4</b>	S5	S6	S7
2	sp	!	"	#	\$	8	٤	•	(	)	*	+	,	-		1
3	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
4	0	A	в	с	D	Е	F	G	н	I	J	ĸ	L	м	N	0
5	P	Q	R	s	т	υ	v	w	х	Y	z	ſ	1	1	$\uparrow$	←
6																
7													АСК		ESC	DEL
ing 2024	Sacraments State - Cold - Cills 26															



## **Control Characters**

- Many of the control characters were designed for transferring data (SOH, STX, FS, GS, etc...)
- Other control characters we designed for printing



## Evolution of ASCII Also note that very useful characters like "→" were ultimately removed from the 1963 design And a new character, Backspace (BS), was added

Why?

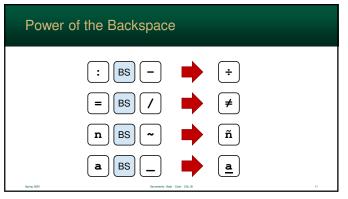
**IBM Ball-Printers** 

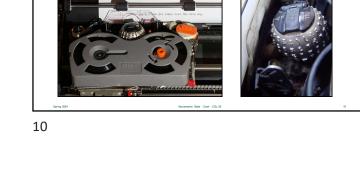
8

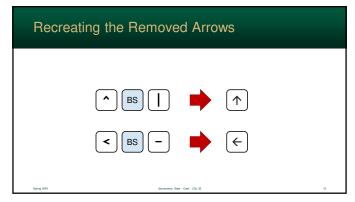
Printers, at the time, were basically classic typewriters
The backspace character (BS) was used to print 2+ symbols on top of each other
This would essentially create a new character on the paper

9

7







## **DEL Control Character**

- You might have noticed an odd control character located at 7F
- This is the "Deleted" control character and was used with punched cards and tape





14

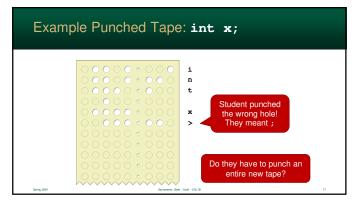


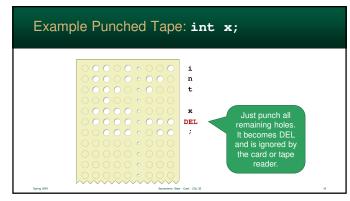
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