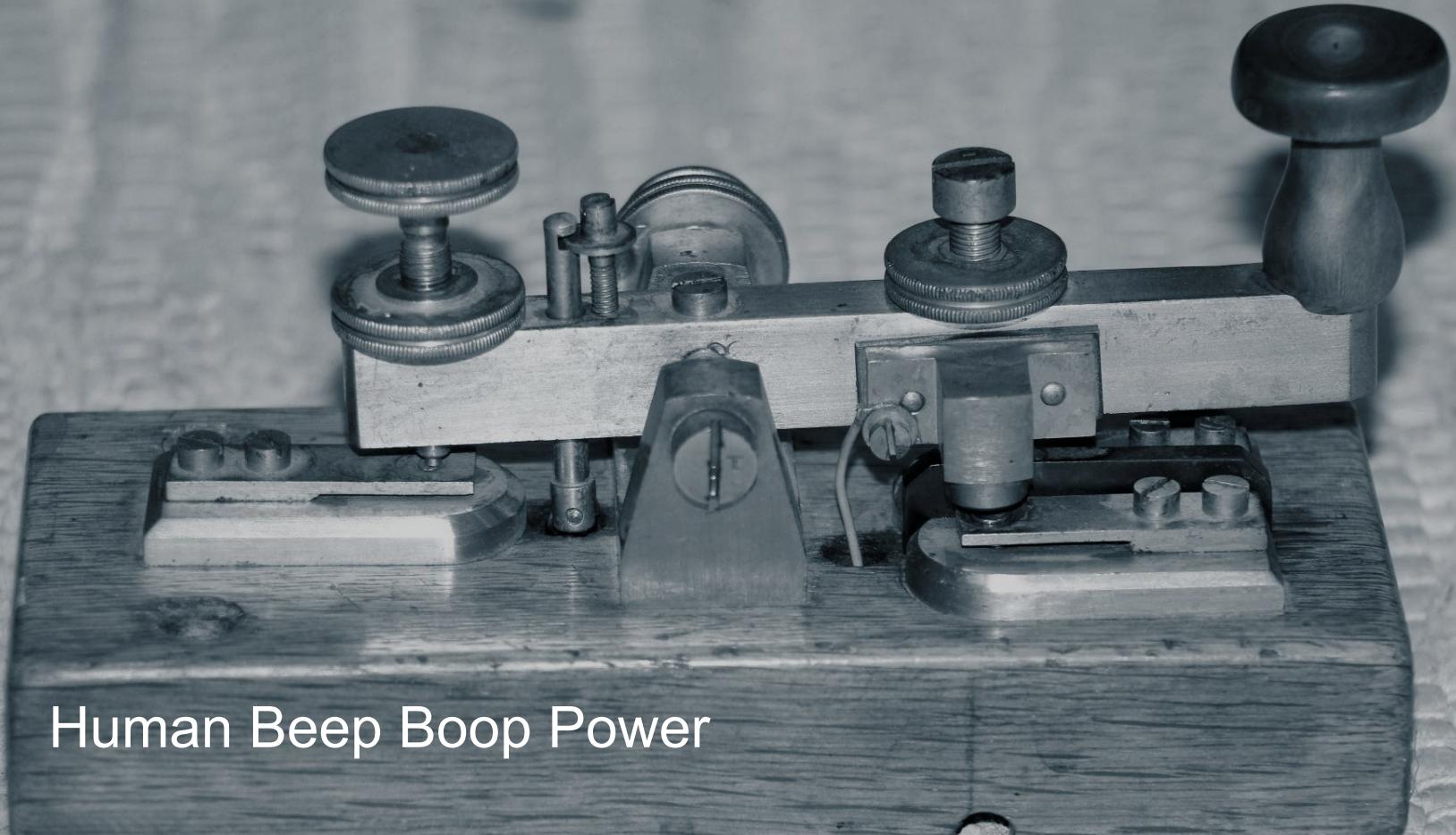


Computer Terminals

A History

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upgrading clang
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2/47) upgrading linux-headers [#####] 10
3/47) upgrading mbedtls [#####] 10
4/47) upgrading mpd [#####] 10
5/47) upgrading nodejs [#####] 10
6/47) upgrading python-urllib3 [#####] 10
7/47) upgrading python-botocore [-----]

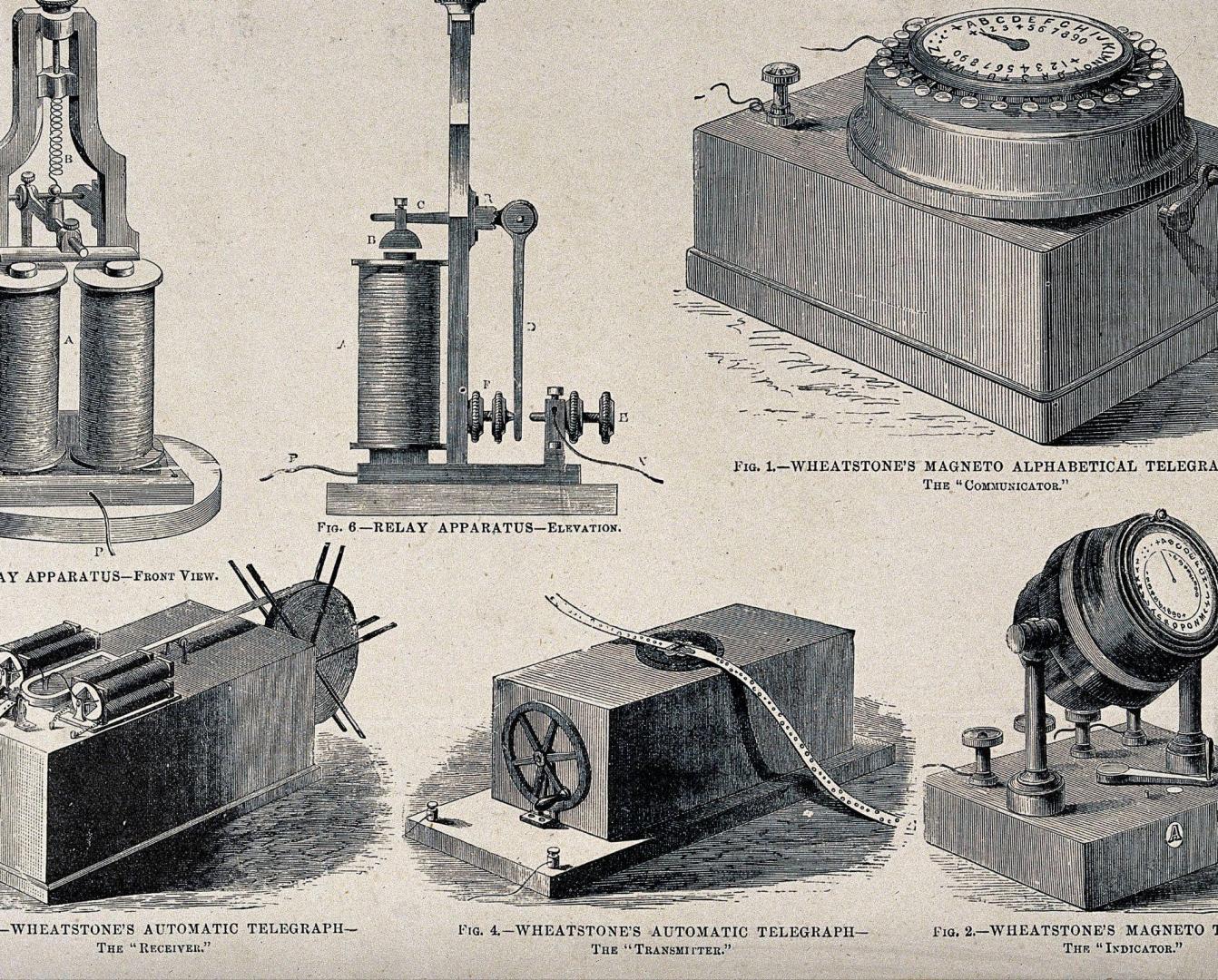
Communications Land

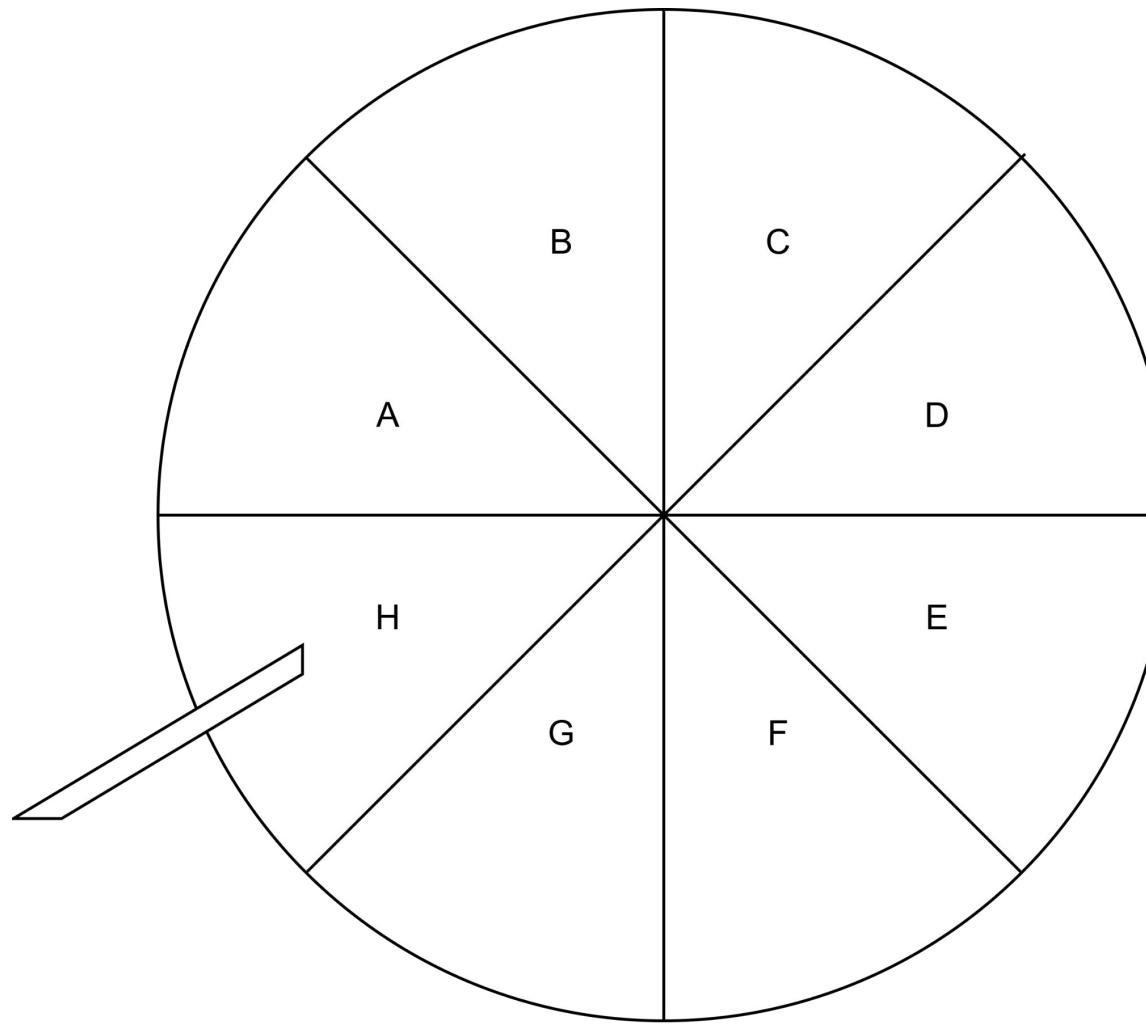


Human Beep Boop Power

Reducing Confusion

1. Make I/O less complicated.
2. Keep Logs.









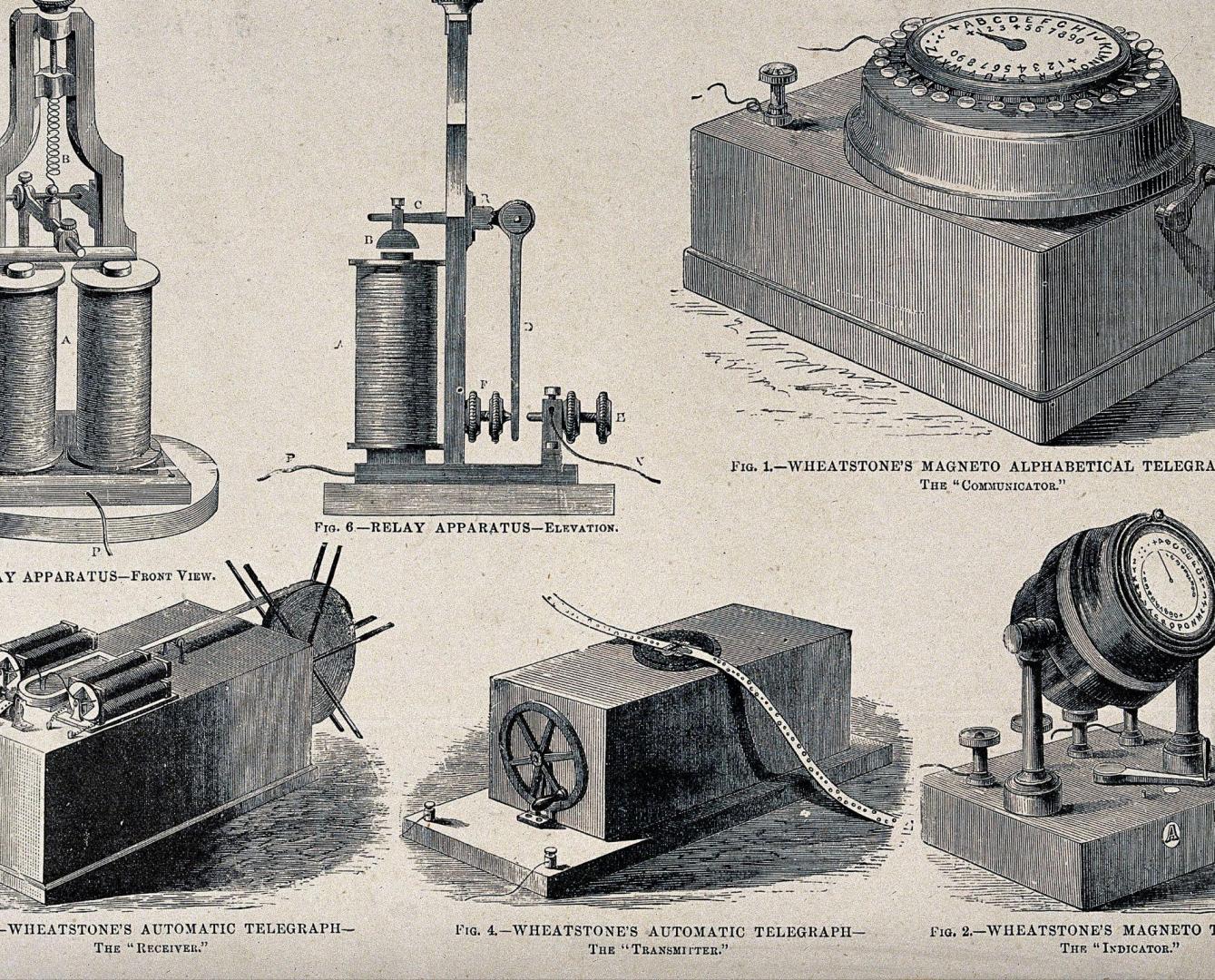
ТЕЛЕГРАФНЫЙ АППАРАТ ЮЗА
Завод "Сименс и Гальске"
Санкт-Петербург, Россия
1900 г.
Быстроотпечатывающий аппарат импульсного кода
с промежуточной печатью по шинам
Разработан в 1855 г. инженером Д. Юзом
Скорость - 200 линий

THE LETTER-PRINTING USE
TELEGRAPH SET
The plant "Siemens and Halske"
Saint-Petersburg, Russia
The 1900's
The letter-printing set
with standard printing
and Koenig
Developper



Reducing Confusion

1. Make I/O less complicated.
2. Keep Logs.



En-Masse Card-Based Messaging



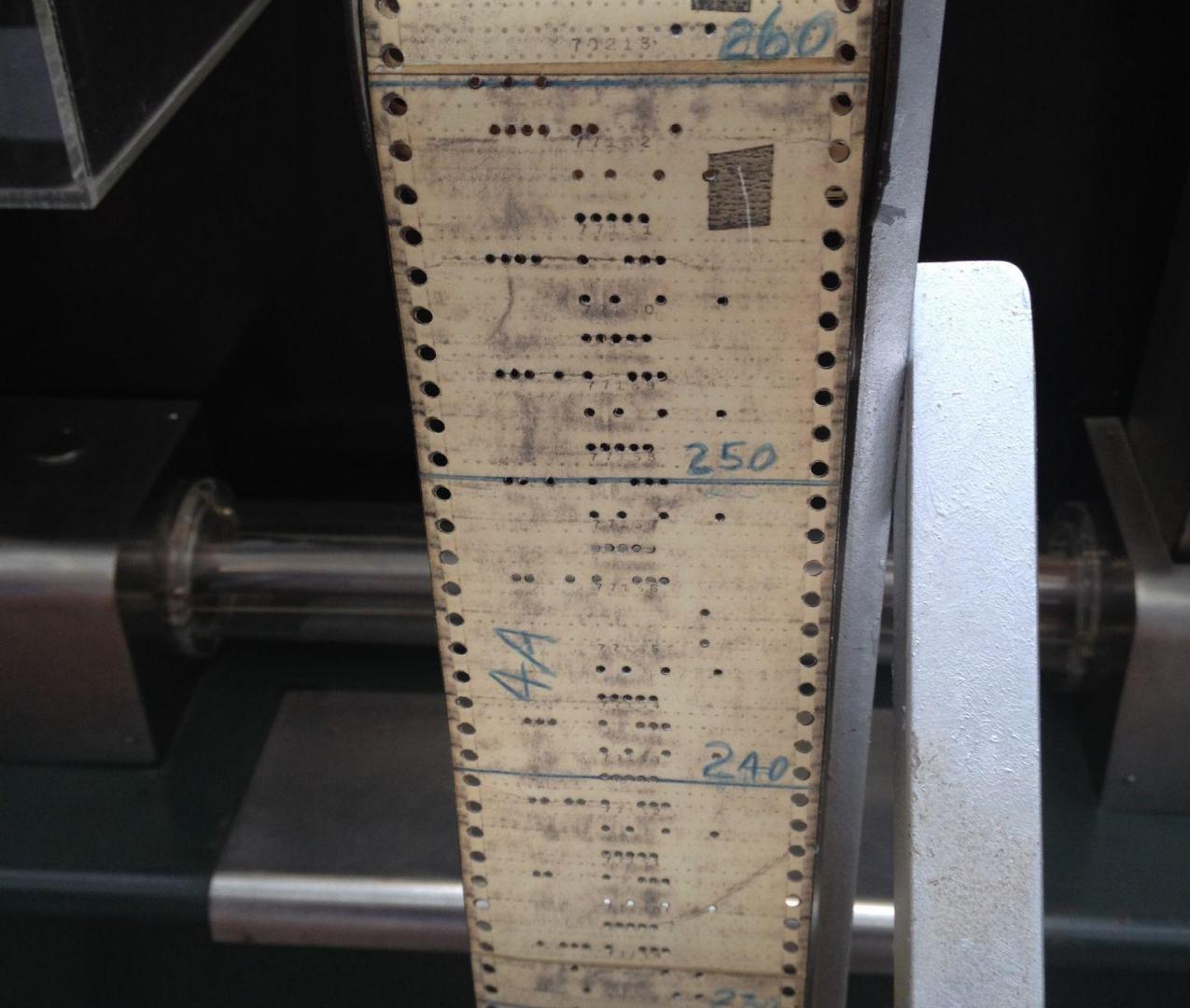


**Meanwhile, in
Computer Land**

Jacquard Loom



Mark 1 Program



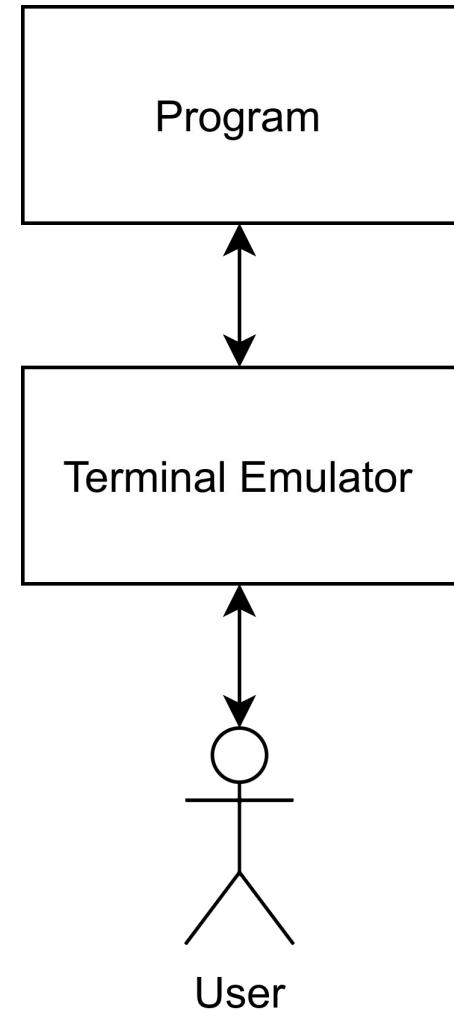
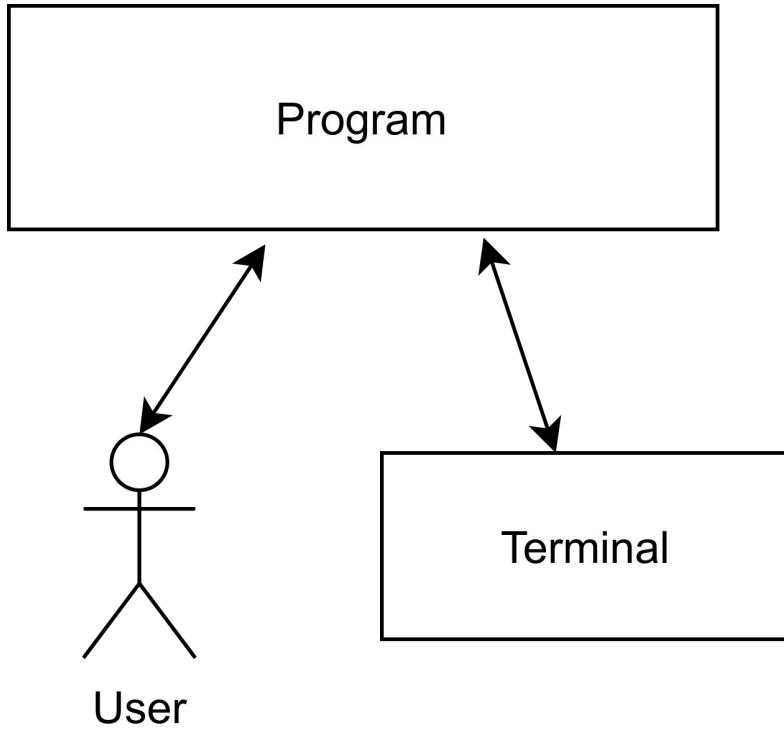
ASCII



A	100	0001
a	110	0001
NUL	000	0000
DEL	111	1111
0	011	0000
1	011	0001
2	011	0010

IBM 526
PRINTING SUMMARY PUNCH





USASCII code chart

B ₇ B ₆ B ₅				0 0 0	0 0 1	0 1 0	0 1 1	1 0 0	1 0 1	1 1 0	1 1 1		
b ₄	b ₃	b ₂	b ₁	Column	0	1	2	3	4	5	6	7	
↑	↑	↑	↑	Row	0 0 0 0 0	NUL	DLE	SP	0	@	P	'	p
0	0	0	1	1	SOH	DC1	!	1	A	Q	o	q	
0	0	1	0	2	STX	DC2	"	2	B	R	b	r	
0	0	1	1	3	ETX	DC3	#	3	C	S	c	s	
0	1	0	0	4	EOT	DC4	\$	4	D	T	d	t	
0	1	0	1	5	ENQ	NAK	%	5	E	U	e	u	
0	1	1	0	6	ACK	SYN	8	6	F	V	f	v	
0	1	1	1	7	BEL	ETB	'	7	G	W	g	w	
1	0	0	0	8	BS	CAN	(8	H	X	h	x	
1	0	0	1	9	HT	EM)	9	I	Y	i	y	
1	0	1	0	10	LF	SUB	*	:	J	Z	j	z	
1	0	1	1	11	VT	ESC	+	;	K	C	k	(
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DEC VT100



DEMO