ASCII American Standard Code for Information Interchange

Control Codes

These are non printable characters that control the operation of the communication equipment:

Hex	Dec	Code	Description	Hex	Dec	Code	Description
00	0	NUL	Null	10	16	DLE	Data Line Escape
01	1	SOH	Start of Heading	11	17	DC1	X On
02	2	STX	Start of Text	12	18	DC2	Aux On
03	3	ETX	End of Text	13	19	DC3	X Off
04	4	EOT	End of Transmit	14	20	DC4	Aux Off
05	5	ENQ	Enquiry	15	21	NAK	Negative Acknowledge
06	6	ACK	Acknowledge	16	22	SYN	Synchronous File
07	7	BEL	Bell	17	23	ETB	End of Transmitted Block
08	8	BS	Backspace	18	24	CAN	Cancel
09	9	HT	Horizontal Tab	19	25	EM	End of Medium
0A	10	LF	Line Feed	1A	26	SUB	Substitute
0B	11	VT	Vertical Tab	1B	27	ESC	Escape
0C	12	FF	Form Feed	1C	28	FS	File Separator
0D	13	CR	Carriage Return	1D	29	GS	Group Separator
0E	14	SO	Shift Out	1E	30	RS	Record Separator
0F	15	SI	Shift In	1F	31	US	Unit Separator

Text Codes

Hex	Dec	Code	Hex	Dec	Code	Hex	Dec	Code
20	32	Space	30	48	0	40	64	@
21	33	!	31	49	1	41	65	A
22	34	“	32	50	2	42	66	B
23	35	#	33	51	3	43	67	C
24	36	$	34	52	4	44	68	D
25	37	%	35	53	5	45	69	E
26	38	&	36	54	6	46	70	F
27	39	'	37	55	7	47	71	G
28	40	(	38	56	8	48	72	H
29	41	)	39	57	9	49	73	I
2A	42	*	3A	58	:	4A	74	J
2B	43	+	3B	59	;	4B	75	K
2C	44	,	3C	60	<	4C	76	L
2D	45	-	3D	61	=	4D	77	M

2E	46	.	3E	62	>	4E	78	N
2F	47	/	3F	63	?	4F	79	O

Hex	Dec	Code	Hex	Dec	Code	Hex	Dec	Code
50	80	P	60	96	'	70	112	p
51	81	Q	61	97	a	71	113	q
52	82	R	62	98	b	72	114	r
53	83	S	63	99	c	73	115	s
54	84	T	64	100	d	74	116	t
55	85	U	65	101	e	75	117	u
56	86	V	66	102	f	76	118	v
57	87	W	67	103	g	77	119	w
58	88	X	68	104	h	78	120	x
59	89	Y	69	105	i	79	121	y
5A	90	Z	6A	106	j	7A	122	z
5B	91	[	6B	107	k	7B	123	{
5C	92	\	6C	108	l	7C	124	|
5D	93	]	6D	109	m	7D	125	}
5E	94	^	6E	110	n	7E	126	~
5F	95	_	6F	111	o	7F	127	Del

Representation of the UK Pound sign '£' is not included in the ASCII set, the actual value used will depend upon the implementation.
Today, in the age of the World Wide Web a new set of codes is used where each character is represented by 2 bytes of data allowing representation of vast range of country specific characters.

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