		symbol	
ascii code	0	**NULL**	(Null character)
ascii code	1	**SOH**	(Start of Header)
ascii code	2	**STX**	(Start of Text)
ascii code	3	**ETX**	(End of Text)
ascii code	4	**EOT**	(End of Transmission)
ascii code	5	**ENQ**	(Enquiry)
ascii code	6	**ACK**	(Acknowledgement)
ascii code	7	**BEL**	(Bell)
ascii code	8	**BS**	(Backspace)
ascii code	9	**HT**	(Horizontal Tab)
ascii code	10	**LF**	(Line feed)
ascii code	11	**VT**	(Vertical Tab)
ascii code	12	**FF**	(Form feed)
ascii code	13	**CR**	(Carriage return)
ascii code	14	**SO**	(Shift Out)
ascii code	15	**SI**	(Shift In)
ascii code	16	**DLE**	(Data link escape)
ascii code	17	**DC1**	(Device control 1)
ascii code	18	**DC2**	(Device control 2)
ascii code	19	**DC3**	(Device control 3)
ascii code	20	**DC4**	(Device control 4)
ascii code	21	**NAK**	(Negative acknowledgement)
ascii code	22	**SYN**	(Synchronous idle)
ascii code	23	**ETB**	(End of transmission block)
ascii code	24	**CAN**	(Cancel)
ascii code	25	**EM**	(End of medium)
ascii code	26	**SUB**	(Substitute)
ascii code	27	**ESC**	(Escape)
ascii code	28	**FS**	(File separator)
ascii code	29	**GS**	(Group separator)
ascii code	30	**RS**	(Record separator)
ascii code	31	**US**	(Unit separator)
ascii code	32		(Space)
ascii code	33	**!**	(Exclamation mark)
ascii code	34	**"**	(Quotation mark ; quotes)
ascii code	35	**#**	(Number sign)
ascii code	36	**$**	(Dollar sign)
ascii code	37	**%**	(Percent sign)
ascii code	38	**&**	(Ampersand)
ascii code	39	**'**	(Apostrophe)
ascii code	40	**(**	(round brackets or parentheses)
ascii code	41	**)**	(round brackets or parentheses)
ascii code	42	*****	(Asterisk)
ascii code	43	**+**	(Plus sign)

ascii code	44	**,**	(Comma)
ascii code	45	**-**	(Hyphen)
ascii code	46	**.**	(Dot , full stop)
ascii code	47	**/**	(Slash)
ascii code	48	**0**	(number zero)
ascii code	49	**1**	(number one)
ascii code	50	**2**	(number two)
ascii code	51	**3**	(number three)
ascii code	52	**4**	(number four)
ascii code	53	**5**	(number five)
ascii code	54	**6**	(number six)
ascii code	55	**7**	(number seven)
ascii code	56	**8**	(number eight)
ascii code	57	**9**	(number nine)
ascii code	58	**:**	(Colon)
ascii code	59	**;**	(Semicolon)
ascii code	60	**<**	(Less-than sign)
ascii code	61	**=**	(Equals sign)
ascii code	62	**>**	(Greater-than sign ; Inequality)
ascii code	63	**?**	(Question mark)
ascii code	64	**@**	(At sign)
ascii code	65	**A**	(Capital A)
ascii code	66	**B**	(Capital B)
ascii code	67	**C**	(Capital C)
ascii code	68	**D**	(Capital D)
ascii code	69	**E**	(Capital E)
ascii code	70	**F**	(Capital F)
ascii code	71	**G**	(Capital G)
ascii code	72	**H**	(Capital H)
ascii code	73	**I**	(Capital I)
ascii code	74	**J**	(Capital J)
ascii code	75	**K**	(Capital K)
ascii code	76	**L**	(Capital L)
ascii code	77	**M**	(Capital M)
ascii code	78	**N**	(Capital N)
ascii code	79	**O**	(Capital O)
ascii code	80	**P**	(Capital P)
ascii code	81	**Q**	(Capital Q)
ascii code	82	**R**	(Capital R)
ascii code	83	**S**	(Capital S)
ascii code	84	**T**	(Capital T)
ascii code	85	**U**	(Capital U)
ascii code	86	**V**	(Capital V)
ascii code	87	**W**	(Capital W)
ascii code	88	**X**	(Capital X)
ascii code	89	**Y**	(Capital Y)
ascii code	90	**Z**	(Capital Z)
ascii code	91	**[**	(square brackets or box brackets)

ascii code	92	\	(Backslash)
ascii code	93	]	(square brackets or box brackets)
ascii code	94	^	(Caret or circumflex accent)
ascii code	95	_	(underscore , understrike , underbar or low line)
ascii code	96	`	(Grave accent)
ascii code	97	a	(Lowercase a)
ascii code	98	b	(Lowercase b)
ascii code	99	c	(Lowercase c)
ascii code	100	d	(Lowercase d)
ascii code	101	e	(Lowercase e)
ascii code	102	f	(Lowercase f)
ascii code	103	g	(Lowercase g)
ascii code	104	h	(Lowercase h)
ascii code	105	i	(Lowercase i)
ascii code	106	j	(Lowercase j)
ascii code	107	k	(Lowercase k)
ascii code	108	l	(Lowercase l)
ascii code	109	m	(Lowercase m)
ascii code	110	n	(Lowercase n)
ascii code	111	o	(Lowercase o)
ascii code	112	p	(Lowercase p)
ascii code	113	q	(Lowercase q)
ascii code	114	r	(Lowercase r)
ascii code	115	s	(Lowercase s)
ascii code	116	t	(Lowercase t)
ascii code	117	u	(Lowercase u)
ascii code	118	v	(Lowercase v)
ascii code	119	w	(Lowercase w)
ascii code	120	x	(Lowercase x)
ascii code	121	y	(Lowercase y)
ascii code	122	z	(Lowercase z)
ascii code	123	{	(curly brackets or braces)
ascii code	124	|	(vertical-bar, vbar, vertical line or vertical slash)
ascii code	125	}	(curly brackets or braces)
ascii code	126	~	(Tilde ; swung dash)
ascii code	127	DEL	(Delete)
ascii code	128	Ç	(Majuscule C-cedilla)
ascii code	129	ü	(letter "u" with umlaut or diaeresis ; "u-umlaut")
ascii code	130	é	(letter "e" with acute accent or "e-acute")
ascii code	131	â	(letter "a" with circumflex accent or "a-circumflex")
ascii code	132	ä	(letter "a" with umlaut or diaeresis ; "a-umlaut")
ascii code	133	à	(letter "a" with grave accent)
ascii code	134	å	(letter "a" with a ring)
ascii code	135	ç	(Minuscule c-cedilla)
ascii code	136	ê	(letter "e" with circumflex accent or "e-circumflex")
ascii code	137	ë	(letter "e" with umlaut or diaeresis ; "e-umlaut")
ascii code	138	è	(letter "e" with grave accent)

ascii code	139	ï	(letter "i" with umlaut or diaeresis ; "i-umlaut")	
ascii code	140	î	(letter "i" with circumflex accent or "i-circumflex")	
ascii code	141	ì	(letter "i" with grave accent)	
ascii code	142	Ä	(letter "A" with umlaut or diaeresis ; "A-umlaut")	
ascii code	143	Å	(Capital letter "A" with a ring)	
ascii code	144	É	(Capital letter "E" with acute accent or "E-acute")	
ascii code	145	æ	(Latin diphthong "ae" in lowercase)	
ascii code	146	Æ	(Latin diphthong "AE" in uppercase)	
ascii code	147	ô	(letter "o" with circumflex accent or "o-circumflex")	
ascii code	148	ö	(letter "o" with umlaut or diaeresis ; "o-umlaut")	
ascii code	149	ò	(letter "o" with grave accent)	
ascii code	150	û	(letter "u" with circumflex accent or "u-circumflex")	
ascii code	151	ù	(letter "u" with grave accent)	
ascii code	152	ÿ	(Lowercase letter "y" with diaeresis)	
ascii code	153	Ö	(letter "O" with umlaut or diaeresis ; "O-umlaut")	
ascii code	154	Ü	(letter "U" with umlaut or diaeresis ; "U-umlaut")	
ascii code	155	ø	(slashed zero or empty set)	
ascii code	156	£	(Pound sign ; symbol for the pound sterling)	
ascii code	157	Ø	(slashed zero or empty set)	
ascii code	158	×	(multiplication sign)	
ascii code	159	ƒ	(function sign ; f with hook sign ; florin sign)	
ascii code	160	á	(letter "a" with acute accent or "a-acute")	
ascii code	161	í	(letter "i" with acute accent or "i-acute")	
ascii code	162	ó	(letter "o" with acute accent or "o-acute")	
ascii code	163	ú	(letter "u" with acute accent or "u-acute")	
ascii code	164	ñ	(letter "n" with tilde ; enye)	
ascii code	165	Ñ	(letter "N" with tilde ; enye)	
ascii code	166	ª	(feminine ordinal indicator)	
ascii code	167	º	(masculine ordinal indicator)	
ascii code	168	¿	(Inverted question marks)	
ascii code	169	®	(Registered trademark symbol)	
ascii code	170	¬	(Logical negation symbol)	
ascii code	171	½	(One half)	
ascii code	172	¼	(Quarter or one fourth)	
ascii code	173	¡	(Inverted exclamation marks)	
ascii code	174	«	(Angle quotes or guillemets)	
ascii code	175	»	(Guillemets or angle quotes)	
ascii code	176	░		
ascii code	177	▒		
ascii code	178	▓		
ascii code	179	│	(Box drawing character)	
ascii code	180	┤	(Box drawing character)	
ascii code	181	Á	(Capital letter "A" with acute accent or "A-acute")	
ascii code	182	Â	(letter "A" with circumflex accent or "A-circumflex")	
ascii code	183	À	(letter "A" with grave accent)	
ascii code	184	©	(Copyright symbol)	
ascii code	185	╣	(Box drawing character)	
ascii code	186	║	(Box drawing character)	

ascii code	187	╗	(Box drawing character)
ascii code	188	╝	(Box drawing character)
ascii code	189	¢	(Cent symbol)
ascii code	190	¥	(YEN and YUAN sign)
ascii code	191	┐	(Box drawing character)
ascii code	192	└	(Box drawing character)
ascii code	193	┴	(Box drawing character)
ascii code	194	┬	(Box drawing character)
ascii code	195	├	(Box drawing character)
ascii code	196	─	(Box drawing character)
ascii code	197	┼	(Box drawing character)
ascii code	198	ã	(Lowercase letter "a" with tilde or "a-tilde")
ascii code	199	Ã	(Capital letter "A" with tilde or "A-tilde")
ascii code	200	╚	(Box drawing character)
ascii code	201	╔	(Box drawing character)
ascii code	202	╩	(Box drawing character)
ascii code	203	╦	(Box drawing character)
ascii code	204	╠	(Box drawing character)
ascii code	205	═	(Box drawing character)
ascii code	206	╬	(Box drawing character)
ascii code	207	¤	(generic currency sign)
ascii code	208	ð	(Lowercase letter "eth")
ascii code	209	Ð	(Capital letter "Eth")
ascii code	210	Ê	(letter "E" with circumflex accent or "E-circumflex")
ascii code	211	Ë	(letter "E" with umlaut or diaeresis ; "E-umlaut")
ascii code	212	È	(letter "E" with grave accent)
ascii code	213	ı	(lowercase dot less i)
ascii code	214	Í	(Capital letter "I" with acute accent or "I-acute")
ascii code	215	Î	(letter "I" with circumflex accent or "I-circumflex")
ascii code	216	Ï	(letter "I" with umlaut or diaeresis ; "I-umlaut")
ascii code	217	┘	(Box drawing character)
ascii code	218	┌	(Box drawing character)
ascii code	219	█	(Block)
ascii code	220	▄	
ascii code	221	¦	(vertical broken bar)
ascii code	222	Ì	(letter "I" with grave accent)
ascii code	223	▀	
ascii code	224	Ó	(Capital letter "O" with acute accent or "O-acute")
ascii code	225	ß	(letter "Eszett" ; "scharfes S" or "sharp S")
ascii code	226	Ô	(letter "O" with circumflex accent or "O-circumflex")
ascii code	227	Ò	(letter "O" with grave accent)
ascii code	228	õ	(letter "o" with tilde or "o-tilde")
ascii code	229	Õ	(letter "O" with tilde or "O-tilde")
ascii code	230	µ	(Lowercase letter "Mu" ; micro sign or micron)
ascii code	231	þ	(Lowercase letter "Thorn")
ascii code	232	Þ	(Capital letter "thorn")
ascii code	233	Ú	(Capital letter "U" with acute accent or "U-acute")
ascii code	234	Û	(letter "U" with circumflex accent or "U-circumflex")

ascii code	235	Ù	(letter "U" with grave accent)
ascii code	236	ý	(Lowercase letter "y" with acute accent)
ascii code	237	Ý	(Capital letter "Y" with acute accent)
ascii code	238	¯	(macron symbol)
ascii code	239	´	(Acute accent)
ascii code	240	-	(Hyphen)
ascii code	241	±	(Plus-minus sign)
ascii code	242	‗	(underline or underscore)
ascii code	243	¾	(three quarters)
ascii code	244	¶	(paragraph sign or pilcrow)
ascii code	245	§	(Section sign)
ascii code	246	÷	(The division sign ; Obelus)
ascii code	247	¸	(cedilla)
ascii code	248	°	(degree symbol)
ascii code	249	¨	(Diaeresis)
ascii code	250	·	(Interpunct or space dot)
ascii code	251	¹	(superscript one)
ascii code	252	³	(cube or superscript three)
ascii code	253	²	(Square or superscript two)
ascii code	254	■	(black square)
ascii code	255	**nbsp**	(non-breaking space or no-break space)