

FULL STOP uni002E		•
SOLIDUS uni002F	/	/
DIGIT ZERO uni0030	0	0
DIGIT ONE uni0031	1	1
DIGIT TWO uni0032	2	2
DIGIT THREE uni0033	3	3
DIGIT FOUR uni0034	4	4
DIGIT FIVE uni0035	5	5
DIGIT SIX uni0036	6	6
DIGIT SEVEN uni0037	7	7
DIGIT EIGHT uni0038	8	8
DIGIT NINE uni0039	9	9
COLON uni003A	:	:
SEMICOLON uni003B	,	•
LESS-THAN SIGN uni003C	<	<
EQUALS SIGN uni003D	=	=
GREATER-THAN SIGN uni003E	>	>
QUESTION MARK uni003F	?	?
COMMERCIAL AT uni0040	(a)	@
LATIN CAPITAL LETTER A uni0041	А	Α
LATIN CAPITAL LETTER B uni0042	В	В
LATIN CAPITAL LETTER C uni0043	С	С
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	E
LATIN CAPITAL LETTER F uni0046	F	F
LATIN CAPITAL LETTER G uni0047	G	G
LATIN CAPITAL LETTER H uni0048	Н	Н

LATIN CAPITAL LETTER I uni0049		I
LATIN CAPITAL LETTER J uni004A	J	J
LATIN CAPITAL LETTER K uni004B	K	K
LATIN CAPITAL LETTER L uni004C	L	L
LATIN CAPITAL LETTER M uni004D	M	M
LATIN CAPITAL LETTER N uni004E	Ν	N
LATIN CAPITAL LETTER O uni004F	0	0
LATIN CAPITAL LETTER P uni0050	Р	Р
LATIN CAPITAL LETTER Q uni0051	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R
LATIN CAPITAL LETTER S	S	S
uni0053 LATIN CAPITAL LETTER T	Т	Т
uni0054 LATIN CAPITAL LETTER U	U	U
uni0055	\ /	\/
LATIN CAPITAL LETTER V	V	V
uni0056 LATIN CAPITAL LETTER W	V	v W
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X	W	W X
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y	W X Y	W X Y
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058	W X Y	
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z	Y	Υ
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET	Y	Y
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET uni005B REVERSE SOLIDUS	Y	Y
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET uni005B REVERSE SOLIDUS uni005C RIGHT SQUARE BRACKET	Y	Y Z [
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET uni005B REVERSE SOLIDUS uni005C RIGHT SQUARE BRACKET uni005D CIRCUMFLEX ACCENT	Y	Y Z [\ \]
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET uni005B REVERSE SOLIDUS uni005C RIGHT SQUARE BRACKET uni005D CIRCUMFLEX ACCENT uni005E LOW LINE	Y	Y Z [\ \]
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET uni005B REVERSE SOLIDUS uni005C RIGHT SQUARE BRACKET uni005D CIRCUMFLEX ACCENT uni005F LOW LINE uni005F GRAVE ACCENT	Y	Y Z [\ \]
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET uni005B REVERSE SOLIDUS uni005C RIGHT SQUARE BRACKET uni005D CIRCUMFLEX ACCENT uni005E LOW LINE uni005F GRAVE ACCENT uni0060 LATIN SMALL LETTER A	Y Z [\ \] ^ - \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Y Z [\ \] ^
uni0056 LATIN CAPITAL LETTER W uni0057 LATIN CAPITAL LETTER X uni0058 LATIN CAPITAL LETTER Y uni0059 LATIN CAPITAL LETTER Z uni005A LEFT SQUARE BRACKET uni005B REVERSE SOLIDUS uni005C RIGHT SQUARE BRACKET uni005D CIRCUMFLEX ACCENT uni005E LOW LINE uni005F GRAVE ACCENT uni0060 LATIN SMALL LETTER A uni0061 LATIN SMALL LETTER B	Y Z [\ \] ^ - \ \ a .	Y Z [\ \] ^ - \ a

е	е	LATIN SMALL LETTER E uni0065
f	f	LATIN SMALL LETTER F uni0066
g	g	LATIN SMALL LETTER G uni0067
h	h	LATIN SMALL LETTER H uni0068
i	i	LATIN SMALL LETTER I uni0069
j	j	LATIN SMALL LETTER J uni006A
k	k	LATIN SMALL LETTER K uni006B
l		LATIN SMALL LETTER L uni006C
m	m	LATIN SMALL LETTER M uni006D
n	n	LATIN SMALL LETTER N uni006E
0	0	LATIN SMALL LETTER O uni006F
p	р	LATIN SMALL LETTER P uni0070
q	q	LATIN SMALL LETTER Q uni0071
r	r	LATIN SMALL LETTER R uni0072
S	S	LATIN SMALL LETTER S uni0073
t	t	LATIN SMALL LETTER T uni0074
u	U	LATIN SMALL LETTER U uni0075
V	V	LATIN SMALL LETTER V uni0076
W	W	LATIN SMALL LETTER W uni0077
X	X	LATIN SMALL LETTER X uni0078
У	У	LATIN SMALL LETTER Y uni0079
Z	Z	LATIN SMALL LETTER Z uni007A
{	{	LEFT CURLY BRACKET uni007B
		VERTICAL LINE uni007C
}	}	RIGHT CURLY BRACKET uni007D
~	~	TILDE uni007E
i	i	INVERTED EXCLAMATION MARK uni00A1

CENT SIGN

uni00A2	¢	¢
POUND SIGN uni00A3	£	£
CURRENCY SIGN uni00A4	¤	¤
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	I I
SECTION SIGN uni00A7	§	§
DIAERESIS uni00A8		••
COPYRIGHT SIGN uni00A9	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	а
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	«
NOT SIGN uni00AC	7	7
REGISTERED SIGN uni00AE	(R)	® _
MACRON uni00AF		
DEGREE SIGN uni00B0	0	0
DILIC MINUS CICN		
PLUS-MINUS SIGN uni00B1	± 2	± 2
SUPERSCRIPT TWO uni00B2		
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	,	
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	1	9
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٥	٥
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	0	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	>>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2

VIII CAR ERACTION TURES QUARTERS	3/4	3/4
VULGAR FRACTION THREE QUARTERS uni00BE		
INVERTED QUESTION MARK uni00BF	خ	ن
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	Á
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	È
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	Ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	Ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	ĺ
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	ï
LATIN CAPITAL LETTER ETH uni00D0	Đ	Đ
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	Ò	Ò
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö
MULTIPLICATION SIGN uni00D7	×	×
LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE		

uni00D9	Ù	Ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX	Û	Û
uni00DB LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	þ
LATIN SMALL LETTER SHARP S uni00DF	ß	ß
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	à
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	á
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	â
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	ã
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	ä
LATIN SMALL LETTER A WITH RING ABOVE uni00E5	å	å
LATIN SMALL LETTER AE uni00E6	æ	æ
LATIN SMALL LETTER C WITH CEDILLA uni00E7	Ç	Ç
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	è
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	é
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	ë
LATIN SMALL LETTER I WITH GRAVE uni00EC	Ì	Ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	ĺ	ĺ
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	î	î
	^ -	ï
uni00EE LATIN SMALL LETTER I WITH DIAERESIS	î ï ŏ	ï
uni00EE LATIN SMALL LETTER I WITH DIAERESIS uni00EF LATIN SMALL LETTER ETH uni00F0 LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	ï ð ñ
uni00EE LATIN SMALL LETTER I WITH DIAERESIS uni00EF LATIN SMALL LETTER ETH uni00F0 LATIN SMALL LETTER N WITH TILDE uni00F1 LATIN SMALL LETTER O WITH GRAVE uni00F2	ñ	ï ð ñ
uni00EE LATIN SMALL LETTER I WITH DIAERESIS uni00EF LATIN SMALL LETTER ETH uni00F0 LATIN SMALL LETTER N WITH TILDE uni00F1 LATIN SMALL LETTER O WITH GRAVE	ñ	ï ð ñ

LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ
umoor 5	Ö	ö
LATIN SMALL LETTER O WITH DIAERESIS uni00F6		
DIVISION SIGN uni00F7	÷	÷
LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	Ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	ú	ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ÿ
LATIN SMALL LETTER DOTLESS I uni0131	I	I
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ł
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	Š	š
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ϋ
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž
LATIN SMALL LETTER F WITH HOOK	f	f
uni0192 MODIFIER LETTER CIRCUMFLEX ACCENT	^) ^
uni02C6	~	•
uni02C7 BREVE	J	v
uni02D8 DOT ABOVE		•
uni02D9		

RING ABOVE uni02DA	0	O
OGONEK uni02DB	د	ć
SMALL TILDE	~	~
uni02DC		
DOUBLE ACUTE ACCENT uni02DD	//	"
GREEK SMALL LETTER PI uni03C0	π	π
EN DASH uni2013	_	_
EM DASH uni2014		_
LEFT SINGLE QUOTATION MARK uni2018	- 1	4
RIGHT SINGLE QUOTATION MARK uni2019	,	,
SINGLE LOW-9 QUOTATION MARK uni201A	,	,
LEFT DOUBLE QUOTATION MARK uni201C	11	44
RIGHT DOUBLE QUOTATION MARK uni201D	"	"
DOUBLE LOW-9 QUOTATION MARK uni201E	"	"
DAGGER uni2020	†	†
DOUBLE DAGGER uni2021	‡	‡
BULLET uni2022	•	•
HORIZONTAL ELLIPSIS uni2026		•••
PER MILLE SIGN uni2030	%0	% 0
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	<	<
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	>	>
FRACTION SLASH uni2044	/	/
SUBSCRIPT ZERO uni2080	0	0
SUBSCRIPT ONE uni2081	1	1
SUBSCRIPT TWO uni2082	2	2
SUBSCRIPT THREE uni2083	3	3
SUBSCRIPT FOUR uni2084	4	4
SUBSCRIPT FIVE uni2085	5	5
SUBSCRIPT SIX		



















