

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	Α	a
LATIN CAPITAL LETTER B uni0042	В	\mathfrak{B}
LATIN CAPITAL LETTER C uni0043	С	C
LATIN CAPITAL LETTER D uni0044	D	\mathfrak{D}
LATIN CAPITAL LETTER E uni0045	E	\mathcal{E}
LATIN CAPITAL LETTER F uni0046	F	\mathcal{F}
LATIN CAPITAL LETTER G uni0047	G	\mathcal{G}
LATIN CAPITAL LETTER H uni0048	Н	\mathcal{H}

LATIN CA	PITAL LETTER I uni0049		${\mathcal G}$
LATIN CA	PITAL LETTER J uni004A	J	J
LATIN CAF	PITAL LETTER K uni004B	K	\mathcal{K}
LATIN CAF	PITAL LETTER L uni004C	L	\mathcal{L}
LATIN CAP	ITAL LETTER M uni004D	M	M
LATIN CAP	PITAL LETTER N uni004E	Ν	n
LATIN CAP	ITAL LETTER O uni004F	0	0
LATIN CAF	PITAL LETTER P uni0050	Р	${\mathcal P}$
LATIN CAP	ITAL LETTER Q uni0051	Q	\mathcal{Q}
LATIN CAP	PITAL LETTER R uni0052	R	\mathcal{R}
LATIN CAF	PITAL LETTER S uni0053	S	S
LATIN CAF	PITAL LETTER T uni0054	Т	${\mathcal T}$
LATIN CAP	PITAL LETTER U uni0055	U	v
LATIN CAF	PITAL LETTER V uni0056	V	v
	arnooso		
LATIN CAP	ITAL LETTER W uni0057	W	w
	ITAL LETTER W	X	w
LATIN CAF	ITAL LETTER W uni0057 PITAL LETTER X	W X Y	ω χ y
LATIN CAF	ITAL LETTER W uni0057 PITAL LETTER X uni0058 PITAL LETTER Y	W X Y	
LATIN CAF	PITAL LETTER W uni0057 PITAL LETTER X uni0058 PITAL LETTER Y uni0059	Y	y
LATIN CAF LATIN CAF LATIN CAF	PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET	Y	<i>y</i> 2
LATIN CAF LATIN CAF LATIN CAF LEFT SQL	PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS	Y	<i>y</i> 2
LATIN CAF LATIN CAF LATIN CAF LEFT SQL REV	PITAL LETTER X uni0057 PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS uni005C JARE BRACKET	Y	<i>y z [</i>
LATIN CAF LATIN CAF LATIN CAF LEFT SQL REV	PITAL LETTER X uni0057 PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS uni005C JARE BRACKET uni005D	Y	<i>y z [</i>
LATIN CAF LATIN CAF LATIN CAF LEFT SQU REV RIGHT SQU CIRCUN	PITAL LETTER X uni0057 PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS uni005C JARE BRACKET uni005D MFLEX ACCENT uni005E LOW LINE	Y	<i>y z [</i>
LATIN CAF LATIN CAF LATIN CAF LEFT SQL REV RIGHT SQL CIRCUM	PITAL LETTER X uni0058 PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS uni005C JARE BRACKET uni005D MFLEX ACCENT uni005E LOW LINE uni005F GRAVE ACCENT	Y	<i>y z [</i>
LATIN CAF LATIN CAF LATIN CAF LEFT SQL REV RIGHT SQL CIRCUM	PITAL LETTER X uni0058 PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS uni005C JARE BRACKET uni005D MFLEX ACCENT uni005E LOW LINE uni005F GRAVE ACCENT uni0060 MALL LETTER A	Y Z [\ \] ^ - \ \	<i>y z I \ 1 ^ - .</i>
LATIN CAF LATIN CAF LATIN CAF LEFT SQL REV RIGHT SQL CIRCUM	PITAL LETTER X uni0057 PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS uni005C JARE BRACKET uni005D MFLEX ACCENT uni005E LOW LINE uni005F GRAVE ACCENT uni0060 MALL LETTER A uni0061 MALL LETTER B	Y Z [\ \] \ \ - \ \ a .	<i>y z [</i> \ <i>1</i> - a
LATIN CAF LATIN CAF LATIN CAF LEFT SQL REV RIGHT SQL CIRCUM CATIN SM LATIN SM	PITAL LETTER X uni0057 PITAL LETTER X uni0058 PITAL LETTER Y uni0059 PITAL LETTER Z uni005A JARE BRACKET uni005B ERSE SOLIDUS uni005C JARE BRACKET uni005D MFLEX ACCENT uni005E LOW LINE uni005F GRAVE ACCENT uni0060 MALL LETTER A uni0061 MALL LETTER B uni0062 MALL LETTER B	Y Z [\ \] \ \ - \ \ a \ b	<i>y z [</i> \ <i>1</i> - a

LATIN SMALL LETTER E uni0065	е	e
LATIN SMALL LETTER F uni0066	f	f
LATIN SMALL LETTER G uni0067	g	g
LATIN SMALL LETTER H uni0068	h	h
LATIN SMALL LETTER I uni0069	i	i
LATIN SMALL LETTER J uni006A	j	j
LATIN SMALL LETTER K uni006B	k	k
LATIN SMALL LETTER L uni006C		ℓ
LATIN SMALL LETTER M uni006D	m	m
LATIN SMALL LETTER N uni006E	n	n
LATIN SMALL LETTER O uni006F	0	O
LATIN SMALL LETTER P uni0070	р	p
LATIN SMALL LETTER Q uni0071	q	q
LATIN SMALL LETTER R uni0072	r	r
LATIN SMALL LETTER S uni0073	S	8
LATIN SMALL LETTER T uni0074	t	t
LATIN SMALL LETTER U uni0075	U	и
LATIN SMALL LETTER V uni0076	V	u
LATIN SMALL LETTER W uni0077	W	w
LATIN SMALL LETTER X uni0078	X	x
LATIN SMALL LETTER Y uni0079	У	y
LATIN SMALL LETTER Z uni007A	Z	3
LEFT CURLY BRACKET uni007B	{	{
VERTICAL LINE uni007C		/
RIGHT CURLY BRACKET uni007D	}	}
TILDE uni007E	~	5
INVERTED EXCLAMATION MARK uni00A1	i	i

CENT SIGN

uni00A2	¢	¢
	£	£
POUND SIGN uni00A3	-	
CURRENCY SIGN uni00A4	¤	¤
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	ŀ	/
SECTION SIGN uni00A7	§	8
DIAERESIS uni00A8		••
COPYRIGHT SIGN uni00A9	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	«
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	®
MACRON uni00AF	-	-
DEGREE SIGN uni00B0	0	o
PLUS-MINUS SIGN uni00B1	\pm	±
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	/	-
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	1	7
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٦	,
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	0	O
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	<i>>></i>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2

	3/4	3/4
VULGAR FRACTION THREE QUARTERS uni00BE		
INVERTED QUESTION MARK uni00BF	غ	ડ
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	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	$\hat{\mathscr{J}}$
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	$\ddot{\mathcal{J}}$
LATIN CAPITAL LETTER ETH uni00D0	Đ	\mathfrak{D}
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	$\hat{\mathcal{U}}$
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	$\hat{\mathcal{O}}$
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	$\ddot{\mathcal{U}}$
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	í
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	Î	î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	Ϊ	ï
LATIN SMALL LETTER ETH uni00F0	ð	8
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	ñ
LATIN SMALL LETTER O WITH GRAVE uni00F2	Ò	ò
LATIN SMALL LETTER O WITH ACUTE uni00F3	Ó	Ó
LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô

LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ
	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	ii
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ij
LATIN CAPITAL LETTER C WITH CIRCUMFLEX uni0108	Ĉ	Ĉ
LATIN SMALL LETTER C WITH CIRCUMFLEX uni0109	Ĉ	ĉ
LATIN SMALL LETTER E WITH CARON uni011B	ě	ě
LATIN SMALL LETTER H WITH STROKE uni0127	ħ	ħ
LATIN CAPITAL LETTER I WITH TILDE uni0128	Ĩ	$ ilde{\mathcal{J}}$
LATIN SMALL LETTER I WITH TILDE uni0129	ĩ	ĩ
LATIN CAPITAL LETTER I WITH OGONEK uni012E	Į	Į
LATIN SMALL LETTER I WITH OGONEK uni012F	į	į
LATIN SMALL LETTER DOTLESS I uni0131	I	ι
LATIN CAPITAL LIGATURE IJ uni0132	IJ	$F_{\mathcal{F}}$
LATIN SMALL LIGATURE IJ	ij	ii.
uni0133 LATIN CAPITAL LETTER WITH CIRCUMFLEX	ĵ	ÿ Ĵ
uni0134 LATIN SMALL LETTER J WITH CIRCUMFLEX	î	ĵ
uni0135	k	У ķ
uni0137 LATIN SMALL LETTER KRA	/	,
uni0138	K	κ

LATIN CAPITAL LETTER L WITH MIDDLE DOT uni013F	Ŀ	Ŀ
LATIN SMALL LETTER L WITH MIDDLE DOT uni0140	-	ŀ
	Ł	£
LATIN CAPITAL LETTER L WITH STROKE uni0141		
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ŀ
LATIN CAPITAL LETTER N WITH ACUTE uni0143	Ń	Ń
LATIN SMALL LETTER N WITH ACUTE uni0144	ń	ń
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ
LATIN CAPITAL LETTER R WITH ACUTE uni0154	Ŕ	$\acute{\mathcal{R}}$
LATIN CAPITAL LETTER R WITH CEDILLA uni0156	Ŗ	Ŗ
LATIN SMALL LETTER R WITH CEDILLA uni0157	ŗ	ŗ
LATIN CAPITAL LETTER R WITH CARON uni0158	Ř	$\check{\mathcal{R}}$
LATIN SMALL LETTER R WITH CARON uni0159	ř	ř
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	Š	š
LATIN CAPITAL LETTER U WITH MACRON uni016A	Ū	$ar{\mathcal{O}}$
LATIN SMALL LETTER U WITH MACRON uni016B	ū	ū
LATIN CAPITAL LETTER U WITH OGONEK uni0172	Ų	Ų
LATIN SMALL LETTER U WITH OGONEK uni0173	ų	ų
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	ÿ Ž
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž
LATIN SMALL LETTER A WITH CARON uni01CE	ă	ă
LATIN CAPITAL LETTER DZ uni01F1	DZ	DZ
LATIN CAPITAL LETTER D WITH SMALL LETTER Z uni01F2	Dz	Dz
LATIN SMALL LETTER DOTLESS J uni0237	J	f
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6 CARON	^	^

BREVE uni02D8 DOT ABOVE uni02D9 RING ABOVE uni02DA OGONEK uni02DB SMALL TILDE uni02DC DOUBLE ACUTE ACCENT uni02DD COMBINING DOT ABOVE uni0307 COMBINING DOT ABOVE uni0307 COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
UNIO2D8 DOT ABOVE UNIO2D9 RING ABOVE UNIO2DA OGONEK UNIO2DB SMALL TILDE UNIO2DC DOUBLE ACUTE ACCENT UNIO2DD COMBINING DOT ABOVE UNIO307 COMBINING DOUBLE GRAVE ACCENT UNIO30F COMBINING INVERTED BREVE UNIO311 COMBINING COMMA BELOW UNIO326 EN DASH UNIO2013 EM DASH UNIO2014 LEFT SINGLE QUOTATION MARK UNIO2018 RIGHT SINGLE QUOTATION MARK UNIO2019
RING ABOVE uni02DA OGONEK uni02DB SMALL TILDE uni02DC DOUBLE ACUTE ACCENT uni02DD COMBINING DOT ABOVE uni0307 COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
RING ABOVE uni02DA OGONEK uni02DB SMALL TILDE uni02DC DOUBLE ACUTE ACCENT uni02DD COMBINING DOT ABOVE uni0307 COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2019 RIGHT SINGLE QUOTATION MARK uni2019
OGONEK Uni02DB SMALL TILDE Uni02DC DOUBLE ACUTE ACCENT Uni02DD COMBINING DOT ABOVE Uni0307 COMBINING DOUBLE GRAVE ACCENT Uni030F COMBINING INVERTED BREVE Uni0311 COMBINING COMMA BELOW Uni0326 EN DASH Uni2013 EM DASH Uni2014 LEFT SINGLE QUOTATION MARK Uni2019 RIGHT SINGLE QUOTATION MARK Uni2019
SMALL TILDE uni02DC DOUBLE ACUTE ACCENT uni02DD COMBINING DOT ABOVE uni0307 COMBINING DOUBLE GRAVE ACCENT uni030F COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
DOUBLE ACUTE ACCENT uni02DD COMBINING DOT ABOVE uni0307 COMBINING DOUBLE GRAVE ACCENT uni030F COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
COMBINING DOT ABOVE uni0307 COMBINING DOUBLE GRAVE ACCENT uni030F COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
COMBINING DOUBLE GRAVE ACCENT uni030F COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
uni030F COMBINING INVERTED BREVE uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
uni0311 COMBINING COMMA BELOW uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
uni0326 EN DASH uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
uni2013 EM DASH uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
uni2014 LEFT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
RIGHT SINGLE QUOTATION MARK uni2018 RIGHT SINGLE QUOTATION MARK uni2019
RIGHT SINGLE QUOTATION MARK uni2019
SINGLE LOW-9 QUOTATION MARK uni201A
LEFT DOUBLE QUOTATION MARK uni201C
RIGHT DOUBLE QUOTATION MARK uni201D
DOUBLE LOW-9 QUOTATION MARK uni201E "
BULLET uni2022
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A
FRACTION SLASH uni2044
SUPERSCRIPT FOUR uni2074
EURO SIGN € €
uniF6C3
LATIN SMALL LIGATURE FF uniFB00
LATIN SMALL LIGATURE FI uniFB01

















