

		_
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)	۵ı
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	Ε
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	М
LATIN CAPITAL LETTER N uni004E	Ν	N
LATIN CAPITAL LETTER O uni004F	0	0
LATIN CAPITAL LETTER P uni0050	P	Р
LATIN CAPITAL LETTER Q uni0051	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R
LATIN CAPITAL LETTER S uni0053	S	S
LATIN CAPITAL LETTER T uni0054	Т	Т
LATIN CAPITAL LETTER U uni0055	U	U
LATIN CAPITAL LETTER V uni0056	V	٧
LATIN CAPITAL LETTER W uni0057	W	W
LATIN CAPITAL LETTER X uni0058	X	Χ
LATIN CAPITAL LETTER Y uni0059	Y	Υ
LATIN CAPITAL LETTER Z uni005A	Z	Z
LEFT SQUARE BRACKET uni005B	[	[
REVERSE SOLIDUS uni005C	\	\
RIGHT SQUARE BRACKET uni005D	]	]
CIRCUMFLEX ACCENT uni005E	^	٨
LOW LINE uni005F	_	_
GRAVE ACCENT uni0060	`	`
LATIN SMALL LETTER A uni0061	а	a
LATIN SMALL LETTER B uni0062	b	b
LATIN SMALL LETTER C uni0063	С	С
LATIN SMALL LETTER D uni0064	d	d
LATIN SMALL LETTER E uni0065	е	е
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	0
LATIN SMALL LETTER P uni0070	р	р
LATIN SMALL LETTER Q uni0071	q	q
LATIN SMALL LETTER R uni0072	r	r
LATIN SMALL LETTER S uni0073	S	S
LATIN SMALL LETTER T uni0074	t	t
LATIN SMALL LETTER U uni0075	U	u
LATIN SMALL LETTER V uni0076	V	٧
LATIN SMALL LETTER W uni0077	W	W
LATIN SMALL LETTER X uni0078	X	Χ
LATIN SMALL LETTER Y uni0079	У	y
LATIN SMALL LETTER Z uni007A	Z	Z
LEFT CURLY BRACKET uni007B	{	{
VERTICAL LINE uni007C		
RIGHT CURLY BRACKET uni007D	}	}
TILDE uni007E	~	2
NO-BREAK SPACE uni00A0		
INVERTED EXCLAMATION MARK uni00A1	i	i
CENT SIGN uni00A2	¢	¢

POUND SIGN

uni00A3	£	£
CURRENCY SIGN uni00A4	¤	п
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	«	<b>«</b>
NOT SIGN uni00AC	$\neg$	٦
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	-	-
DEGREE SIGN uni00B0	0	0
PLUS-MINUS SIGN uni00B1	±	±
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	/	,
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	1	1
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٦	5
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	Ō	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	<b>&gt;&gt;</b>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2

VULGAR FRACTION THREE QUARTERS	3/4	3/4
uni00BE		
INVERTED QUESTION MARK uni00BF	غ	خ
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	Ϊ
LATIN CAPITAL LETTER ETH uni00D0	Đ	Ð
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 uni00DB	Û	Û
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	β
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
	ç	ç
uni00E7  LATIN SMALL LETTER E WITH GRAVE	ç è é	
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE		è
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX	é	è
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS	é	è é
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE	é è ë	èéé
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE	é è ë	è é é i
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX	é è ë i	è é é i i
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE  LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	é ê ë ` í · · ·	è é é ë i i i i i i i i i i i i i i i i i
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE  LATIN SMALL LETTER I WITH DIAERESIS uni00EF  LATIN SMALL LETTER I WITH DIAERESIS uni00EF	é è ë i i i i i i i i i i i i i i i i i i	è é é ë i i i i i i i i i i i i i i i i i
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE  LATIN SMALL LETTER I WITH DIAERESIS uni00EF  LATIN SMALL LETTER I WITH DIAERESIS uni00EF  LATIN SMALL LETTER I WITH DIAERESIS uni00F0  LATIN SMALL LETTER I WITH TILDE	é ê ë ì í î ï ð	è é é ë ï í î ï ö
LATIN SMALL LETTER E WITH GRAVE UNIOUES  LATIN SMALL LETTER E WITH ACUTE UNIOUE9  LATIN SMALL LETTER E WITH CIRCUMFLEX UNIOUEA  LATIN SMALL LETTER E WITH DIAERESIS UNIOUEB  LATIN SMALL LETTER I WITH GRAVE UNIOUEC  LATIN SMALL LETTER I WITH ACUTE UNIOUED  LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE  LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF  LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF  LATIN SMALL LETTER I WITH TILDE UNIOUF1  LATIN SMALL LETTER N WITH TILDE UNIOUF1	é ê ë ì í î ï ð ñ	è é é ë i î î î ï õ ñ

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	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	l
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	^
CARON uni02C7	~	~
RING ABOVE uni02DA	0	O
SMALL TILDE uni02DC	~	~
CYRILLIC CAPITAL LETTER IO uni0401	Ë	Ë
CYRILLIC CAPITAL LETTER DJE uni0402	Ђ	Ђ
CYRILLIC CAPITAL LETTER GJE uni0403	ŕ	ŕ
CVDILLIC CADITAL LETTER LIKRAINIAN IE		_
CYRILLIC CAPITAL LETTER UKRAINIAN IE uni0404	E	E
CYRILLIC CAPITAL LETTER DYELONICSIAN LIKEANIAN L	S	S
CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I uni0406	ï	l ï
CYRILLIC CAPITAL LETTER YI uni0407		<u> </u>
CYRILLIC CAPITAL LETTER JE uni0408	J	J

CYRILLIC CAPITAL LETTER LJE uni0409	Љ	љ
CYRILLIC CAPITAL LETTER NJE uni040A	Њ	Њ
	Ъ	ħ
CYRILLIC CAPITAL LETTER TSHE uni040B		
CYRILLIC CAPITAL LETTER KJE uni040C	K	Ŕ
CYRILLIC CAPITAL LETTER SHORT U uni040E	Ў	Ў
CYRILLIC CAPITAL LETTER DZHE uni040F	Ļ	Ų
CYRILLIC CAPITAL LETTER A uni0410	A	Α
CYRILLIC CAPITAL LETTER BE uni0411	Б	Б
CYRILLIC CAPITAL LETTER VE uni0412	В	В
CYRILLIC CAPITAL LETTER GHE uni0413	Γ	Γ
CYRILLIC CAPITAL LETTER DE uni0414	Д	Д
CYRILLIC CAPITAL LETTER IE uni0415	Е	Ε
CYRILLIC CAPITAL LETTER ZHE uni0416	Ж	Ж
CYRILLIC CAPITAL LETTER ZE uni0417	3	3
CYRILLIC CAPITAL LETTER I uni0418	И	И
CYRILLIC CAPITAL LETTER SHORT I uni0419	Й	Й
CYRILLIC CAPITAL LETTER KA uni041A	K	K
CYRILLIC CAPITAL LETTER EL uni041B	Л	Л
CYRILLIC CAPITAL LETTER EM uni041C	M	М
CYRILLIC CAPITAL LETTER EN uni041D	Н	Н
CYRILLIC CAPITAL LETTER O uni041E	0	0
CYRILLIC CAPITAL LETTER PE uni041F	П	П
CYRILLIC CAPITAL LETTER ER uni0420	Р	Р
CYRILLIC CAPITAL LETTER ES uni0421	С	С
CYRILLIC CAPITAL LETTER TE uni0422	Т	Т
CYRILLIC CAPITAL LETTER U uni0423	У	У
CYRILLIC CAPITAL LETTER EF uni0424	Ф	Ф
CYRILLIC CAPITAL LETTER HA		

uni0425	X	Χ
CYRILLIC CAPITAL LETTER TSE uni0426	Ц	Ц
CYRILLIC CAPITAL LETTER CHE uni0427	Ч	Ч
CYRILLIC CAPITAL LETTER SHA uni0428	Ш	Ш
CYRILLIC CAPITAL LETTER SHCHA uni0429	Щ	Щ
CYRILLIC CAPITAL LETTER HARD SIGN uni042A	Ъ	Ъ
CYRILLIC CAPITAL LETTER YERU uni042B	Ы	Ы
CYRILLIC CAPITAL LETTER SOFT SIGN uni042C	Ь	Ь
CYRILLIC CAPITAL LETTER E uni042D	Э	Э
CYRILLIC CAPITAL LETTER YU uni042E	Ю	Ю
CYRILLIC CAPITAL LETTER YA uni042F	Я	Я
CYRILLIC SMALL LETTER A uni0430	а	a
CYRILLIC SMALL LETTER BE uni0431	б	б
CYRILLIC SMALL LETTER VE uni0432	В	В
CYRILLIC SMALL LETTER GHE uni0433	Γ	Γ
CYRILLIC SMALL LETTER DE uni0434	Д	Д
CYRILLIC SMALL LETTER IE uni0435	е	е
CYRILLIC SMALL LETTER ZHE uni0436	Ж	Ж
CYRILLIC SMALL LETTER ZE uni0437	3	3
CYRILLIC SMALL LETTER I uni0438	И	И
CYRILLIC SMALL LETTER SHORT I uni0439	Й	Й
CYRILLIC SMALL LETTER KA uni043A	K	K
CYRILLIC SMALL LETTER EL uni043B	Л	Л
CYRILLIC SMALL LETTER EM uni043C	M	М
CYRILLIC SMALL LETTER EN uni043D	Н	Н
CYRILLIC SMALL LETTER O uni043E	0	0
CYRILLIC SMALL LETTER PE uni043F	П	П
CYRILLIC SMALL LETTER ER uni0440	р	p

CYRILLIC SMALL LETTER ES uni0441	С	С
CYRILLIC SMALL LETTER TE uni0442	Т	Т
CYRILLIC SMALL LETTER U uni0443	У	y
	ф	ф
CYRILLIC SMALL LETTER EF uni0444		
CYRILLIC SMALL LETTER HA uni0445	X	Χ
CYRILLIC SMALL LETTER TSE uni0446	Ц	Ц
CYRILLIC SMALL LETTER CHE uni0447	Ч	Ч
CYRILLIC SMALL LETTER SHA uni0448	Ш	Ш
CYRILLIC SMALL LETTER SHCHA uni0449	Щ	Щ
CYRILLIC SMALL LETTER HARD SIGN uni044A	Ъ	Ъ
CYRILLIC SMALL LETTER YERU uni044B	Ы	Ы
CYRILLIC SMALL LETTER SOFT SIGN uni044C	Ь	Ь
CYRILLIC SMALL LETTER E uni044D	Э	3
CYRILLIC SMALL LETTER YU uni044E	Ю	Ю
CYRILLIC SMALL LETTER YA uni044F	Я	Я
CYRILLIC SMALL LETTER IO uni0451	ë	ë
CYRILLIC SMALL LETTER DJE uni0452	b	ħ
CYRILLIC SMALL LETTER GJE uni0453	ŕ	ŕ
CYRILLIC SMALL LETTER UKRAINIAN IE uni0454	Е	Е
CYRILLIC SMALL LETTER DZE uni0455	S	S
CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I uni0456	i	i
CYRILLIC SMALL LETTER YI uni0457	Ϊ	ï
CYRILLIC SMALL LETTER JE uni0458	j	j
CYRILLIC SMALL LETTER LJE uni0459	Љ	љ
CYRILLIC SMALL LETTER NJE uni045A	Њ	њ
CYRILLIC SMALL LETTER TSHE uni045B	ħ	ħ
CYRILLIC SMALL LETTER KJE uni045C	K	Ŕ





















