

EBCDIC Collating Sequence

Training on IBM mainframe programming languages and systems software is provided in the following areas:

- **Programming Skills**
- **Programming Languages**
- **PC Emulation of Mainframe Software**
- **Utilities & Development Tools**
- **Telecommunications**
- **VSAM**
- **IMS**
- **CICS**
- **DB2 UDB**
- **WebSphere MQ**

To review mainframe programming languages, visit www.programmingbysysed.us.

To review SYS-ED's 1000+ course offerings, visit www.sysed.com.



TM

Ordinal	Symbol	Description	Decimal	Hex
65	?	Space	64	40
75	¢	Cent sign	74	4A
76	.	Period, decimal point	75	4B
77	<	Less than sign	76	4C
78	(Left parenthesis	77	4D
79	+	Plus sign	78	4E
80		Vertical bar, Logical OR	79	4F
81	&	Ampersand	80	50
91	!	Exclamation point	90	5A
92	\$	Dollar sign	91	5B
93	*	Asterisk	92	5C
94)	Right parenthesis	93	5D
95	;	Semicolon	94	5E
96	¬	Logical NOT	95	5F
97	-	Minus, hyphen	96	60
98	/	Slash	97	61
108	,	Comma	107	6B
109	%	Percent sign	108	6C
110	_	Underscore	109	6D
111	>	Greater than sign	110	6E
112	?	Question mark	111	6F
123	:	Colon	122	7A
124	#	Number sign, pound sign	123	7B
125	@	At sign	124	7C
126	'	Apostrophe, prime sign	125	7D
127	=	Equal sign	126	7E
128	"	Quotation marks	127	7F
130	a		129	81
131	b		130	82
132	c		131	83
133	d		132	84
134	e		133	85
135	f		134	86
136	g		135	87
137	h		136	88
138	i		137	89
146	j		145	91
147	k		146	92
148	l		147	93
149	m		148	94
150	n		149	95
151	o		150	96
152	p		151	97
153	q		152	98
154	r		153	99
163	s		162	A2
164	t		163	A3
165	u		164	A4
166	v		165	A5
167	w		166	A6
168	x		167	A7
169	y		168	A8
170	z		169	A9
194	A		193	C1
195	B		194	C2

Ordinal	Symbol	Description	Decimal	Hex
196	C		195	C3
197	D		196	C4
198	E		197	C5
199	F		198	C6
200	G		199	C7
201	H		200	C8
202	I		201	C9
210	J		209	D1
211	K		210	D2
212	L		211	D3
213	M		212	D4
214	N		213	D5
215	O		214	D6
216	P		215	D7
217	Q		216	D8
218	R		217	D9
227	S		226	E2
228	T		227	E3
229	U		228	E4
230	V		229	E5
231	W		230	E6
232	X		231	E7
233	Y		232	E8
234	Z		233	E9
241	0		240	F0
242	1		241	F1
243	2		242	F2
244	3		243	F3
245	4		244	F4
246	5		245	F5
247	6		246	F6
248	7		247	F7
249	8		248	F8
250	9		249	F9

