

# Eastern Mediterranean University

## Department of Electrical & Electronic Engineering

### Microprocessor I (Lab section)

ASCII			
Dec	Hex	Symbol	Description
32	20		space
33	21	!	exclamation point
34	22	"	double quotes
35	23	#	number sign
36	24	\$	dollar sign
37	25	%	percent sign
38	26	&	ampersand
39	27	'	single quote
40	28	(	opening parenthesis
41	29	)	closing parenthesis
42	2A	*	asterisk
43	2B	+	plus sign
44	2C	,	comma
45	2D	-	minus sign - hyphen
46	2E	.	period
47	2F	/	slash

ASCII			
Dec	Hex	Symbol	Description
48	30	0	zero
49	31	1	one
50	32	2	two
51	33	3	three
52	34	4	four
53	35	5	five
54	36	6	six
55	37	7	seven
56	38	8	eight
57	39	9	nine
58	3A	:	colon
59	3B	;	semicolon

60	3C	<	less than sign
61	3D	=	equal sign
62	3E	>	greater than sign
63	3F	?	question mark

### ASCII

Dec	Hex	Symbol	Description
64	40	@	at symbol
65	41	A	
66	42	B	
67	43	C	
68	44	D	
69	45	E	
70	46	F	
71	47	G	
72	48	H	
73	49	I	
74	4A	J	
75	4B	K	
76	4C	L	
77	4D	M	
78	4E	N	
79	4F	O	

### ASCII

Dec	Hex	Symbol	Description
80	50	P	
81	51	Q	
82	52	R	
83	53	S	
84	54	T	
85	55	U	
86	56	V	
87	57	W	
88	58	X	
89	59	Y	
90	5A	Z	
91	5B	[	opening bracket
92	5C	\	backslash
93	5D	]	closing bracket
94	5E	^	caret - circumflex
95	5F	_	underscore

### ASCII

Dec	Hex	Symbol	Description
96	60	`	grave accent
97	61	a	
98	62	b	
99	63	c	
100	64	d	
101	65	e	
102	66	f	
103	67	g	
104	68	h	
105	69	i	
106	6A	j	
107	6B	k	
108	6C	l	
109	6D	m	
110	6E	n	
111	6F	o	

### ASCII

Dec	Hex	Symbol	Description
112	70	p	
113	71	q	
114	72	r	
115	73	s	
116	74	t	
117	75	u	
118	76	v	
119	77	w	
120	78	x	
121	79	y	
122	7A	z	
123	7B	{	opening brace
124	7C		vertical bar
125	7D	}	closing brace
126	7E	~	equivalency sign - tilde
127	7F		(not defined in HTML 4 standard)

### ASCII

Dec	Hex	Symbol
128	80	
129	81	
130	82	
131	83	

132	84
133	85
134	86
135	87
136	88
137	89
138	8A
139	8B
140	8C
141	8D
142	8E
143	8F

### ASCII

Dec	Hex
144	90
145	91
146	92
147	93
148	94
149	95
150	96
151	97
152	98
153	99
154	9A
155	9B
156	9C
157	9D
158	9E
159	9F

### ASCII

Dec	Hex	Symbol	Description
160	A0		non-breaking space
161	A1	¡	inverted exclamation mark
162	A2	¢	cent sign
163	A3	£	pound sign
164	A4	¤	currency sign
165	A5	¥	yen sign
166	A6	¦	broken vertical bar
167	A7	§	section sign

168	A8	¨	spacing diaeresis - umlaut
169	A9	©	copyright sign
170	AA	ª	feminine ordinal indicator
171	AB	«	left double angle quotes
172	AC	¬	not sign
173	AD		soft hyphen
174	AE	®	registered trade mark sign
175	AF	ˉ	spacing macron - overline

### ASCII

Dec	Hex	Symbol	Description
176	B0	°	degree sign
177	B1	±	plus-or-minus sign
178	B2	²	superscript two - squared
179	B3	³	superscript three - cubed
180	B4	´	acute accent - spacing acute
181	B5	µ	micro sign
182	B6	¶	pilcrow sign - paragraph sign
183	B7	·	middle dot - Georgian comma
184	B8	¸	spacing cedilla
185	B9	¹	superscript one
186	BA	º	masculine ordinal indicator
187	BB	»	right double angle quotes
188	BC	¼	fraction one quarter
189	BD	½	fraction one half
190	BE	¾	fraction three quarters
191	BF	¿	inverted question mark

### ASCII

Dec	Hex	Symbol	Description
192	C0	À	latin capital letter A with grave
193	C1	Á	latin capital letter A with acute
194	C2	Â	latin capital letter A with circumflex
195	C3	Ã	latin capital letter A with tilde
196	C4	Ä	latin capital letter A with diaeresis
197	C5	Å	latin capital letter A with ring above
198	C6	Æ	latin capital letter AE
199	C7	Ç	latin capital letter C with cedilla
200	C8	È	latin capital letter E with grave
201	C9	É	latin capital letter E with acute
202	CA	Ê	latin capital letter E with circumflex
203	CB	Ë	latin capital letter E with diaeresis

204	CC	Ì	latin capital letter I with grave
205	CD	Í	latin capital letter I with acute
206	CE	Î	latin capital letter I with circumflex
207	CF	Ï	latin capital letter I with diaeresis

### ASCII

Dec	Hex	Symbol	Description
208	D0	Ð	latin capital letter ETH
209	D1	Ñ	latin capital letter N with tilde
210	D2	Ò	latin capital letter O with grave
211	D3	Ó	latin capital letter O with acute
212	D4	Ô	latin capital letter O with circumflex
213	D5	Õ	latin capital letter O with tilde
214	D6	Ö	latin capital letter O with diaeresis
215	D7	×	multiplication sign
216	D8	Ø	latin capital letter O with slash
217	D9	Ù	latin capital letter U with grave
218	DA	Ú	latin capital letter U with acute
219	DB	Û	latin capital letter U with circumflex
220	DC	Ü	latin capital letter U with diaeresis
221	DD	Ý	latin capital letter Y with acute
222	DE	Þ	latin capital letter THORN
223	DF	ß	latin small letter sharp s - ess-zed

### ASCII

Dec	Hex	Symbol	Description
224	E0	à	latin small letter a with grave
225	E1	á	latin small letter a with acute
226	E2	â	latin small letter a with circumflex
227	E3	ã	latin small letter a with tilde
228	E4	ä	latin small letter a with diaeresis
229	E5	å	latin small letter a with ring above
230	E6	æ	latin small letter ae
231	E7	ç	latin small letter c with cedilla
232	E8	è	latin small letter e with grave
233	E9	é	latin small letter e with acute
234	EA	ê	latin small letter e with circumflex
235	EB	ë	latin small letter e with diaeresis
236	EC	ì	latin small letter i with grave
237	ED	í	latin small letter i with acute
238	EE	î	latin small letter i with circumflex
239	EF	ï	latin small letter i with diaeresis

**ASCII**

<b>Dec</b>	<b>Hex</b>	<b>Symbol</b>	<b>Description</b>
240	F0	ð	latin small letter eth
241	F1	ñ	latin small letter n with tilde
242	F2	ò	latin small letter o with grave
243	F3	ó	latin small letter o with acute
244	F4	ô	latin small letter o with circumflex
245	F5	õ	latin small letter o with tilde
246	F6	ö	latin small letter o with diaeresis
247	F7	÷	division sign
248	F8	ø	latin small letter o with slash
249	F9	ù	latin small letter u with grave
250	FA	ú	latin small letter u with acute
251	FB	û	latin small letter u with circumflex
252	FC	ü	latin small letter u with diaeresis
253	FD	ý	latin small letter y with acute
254	FE	þ	latin small letter thorn
255	FF	ÿ	latin small letter y with diaeresis

HTML 4.01, ISO 10646, ISO 8879, Latin extended A and B,  
 Browser support: Internet Explorer > 4, Netscape > 4

<b>Dec</b>	<b>Hex</b>	<b>Symbol</b>	<b>Description</b>
338	152	Œ	latin capital letter OE
339	153	œ	latin small letter oe
352	160	Š	latin capital letter S with caron
353	161	š	latin small letter s with caron
376	178	ÿ	latin capital letter Y with diaeresis
402	192	f	latin small f with hook - function

<b>Dec</b>	<b>Hex</b>	<b>Symbol</b>	<b>Description</b>
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8211	2013	—	en dash
8212	2014	—	em dash
8216	2018	‘	left single quotation mark
8217	2019	’	right single quotation mark
8218	201A	‚	single low-9 quotation mark
8220	201C	“	left double quotation mark
8221	201D	”	right double quotation mark
8222	201E	„	double low-9 quotation mark
8224	2020	†	dagger
8225	2021	‡	double dagger
8226	2022	•	bullet
8230	2026	…	horizontal ellipsis
8240	2030	‰	per thousand sign
8364	20AC	€	euro sign
8482	2122	™	trade mark sign

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