Appendix

Appendix

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ASCII Table

0		16	►	32		48	0	64	@	80	P	96	`	112	p
1	☺	17	◄	33	!	49	1	65	A	81	Q	97	a	113	q
2	☻	18	↕	34	"	50	2	66	B	82	R	98	b	114	r
3	♥	19	‼	35	#	51	3	67	C	83	S	99	c	115	s
4	♦	20	¶	36	$	52	4	68	D	84	T	100	d	116	t
5	♣	21	§	37	%	53	5	69	E	85	U	101	e	117	u
6	♠	22	▬	38	&	54	6	70	F	86	V	102	f	118	v
7	•	23	↨	39	´	55	7	71	G	87	W	103	g	119	w
8	◘	24	↑	40	(	56	8	72	H	88	X	104	h	120	x
9	○	25	↓	41	)	57	9	73	I	89	Y	105	i	121	y
10	◙	26	→	42	*	58	:	74	J	90	Z	106	j	122	z
11	♂	27	←	43	+	59	;	75	K	91	[	107	k	123	{
12	♀	28	∟	44	,	60	<	76	L	92	\	108	l	124	|
13	♪	29	↔	45	-	61	=	77	M	93	]	109	m	125	}
14	♫	30	▲	46	.	62	>	78	N	94	^	110	n	126	~
15	☼	31	▼	47	/	63	?	79	O	95	_	111	o	127	⌂

128	Ç	144	É	160	á	176	░	192	└	208	ð	224	Ó	240	-
129	ü	145	æ	161	í	177	▒	193	┴	209	Đ	225	ß	241	±
130	é	146	Æ	162	ó	178	▓	194	┬	210	Ê	226	Ô	242	‗
131	â	147	ô	163	ú	179	│	195	├	211	Ë	227	Ò	243	¾
132	ä	148	ö	164	ñ	180	┤	196	─	212	È	228	õ	244	¶
133	à	149	ò	165	Ñ	181	Á	197	┼	213	ı	229	Õ	245	§
134	å	150	û	166	ª	182	Â	198	ã	214	Í	230	µ	246	÷
135	ç	151	ù	167	º	183	À	199	Ã	215	Î	231	þ	247	¸
136	ê	152	ÿ	168	¿	184	©	200	╚	216	Ï	232	Þ	248	°
137	ë	153	Ö	169	®	185	╣	201	╔	217	┘	233	Ú	249	¨
138	è	154	Ü	170	¬	186	║	202	╩	218	┌	234	Û	250	·
139	ï	155	ø	171	½	187	╗	203	╦	219	█	235	Ù	251	¹
140	î	156	£	172	¼	188	╝	204	╠	220	▄	236	ý	252	³
141	ì	157	Ø	173	¡	189	¢	205	=	221	¦	237	Ý	253	²
142	Ä	158	×	174	«	190	¥	206	╬	222	Ì	238	¯	254	■
143	Å	159	ƒ	175	»	191	┐	207	¤	223	▀	239	´	255	

The characters with order number 0 and 255 are non printable characters.

Appendix

Priority Table of Operators

priority	operator	instance	associativity
1	( )	function call	left
	[ ]	index of array	left
	->	member of a structure	left
	.	member of a structure	left
2	!	negation (logical)	right
	~	negation (bit by bit)	right
	++	increment	right
	--	decrement	right
	sizeof ()	sizeof	right
	+	algebraic sign	right
	-	algebraic sign	right
	(*datatype*)	cast	right
	*	referencing	right
	&	dereferencing (address)	right
3	*	multiplication	left
	/	division	left
	%	modulo	left
4	+	addition (sum)	left
	-	subtraction (difference)	left
5	>>	shift to the right (bit by bit)	left
	<<	shift to the left (bit by bit)	left
6	<	less than	left
	<=	less or equal	left
	>	greater than	left
	>=	greater or equal	left
7	==	equal	left
	!=	not equal	left
8	&	AND (bit by bit)	left
9	^	XOR (bit by bit)	left
10	|	OR (bit by bit)	left
11	&&	AND (logical)	left
12	||	OR (logical)	left
13	?:	conditional examination	right
14	=	assignment	right
	+=	combined assignment operator	right
	-=	combined assignment operator	right
	*=	combined assignment operator	right

Appendix

	/ =	combined assignment operator	right	
	% =	combined assignment operator	right	
	& =	combined assignment operator	right	
	^ =	combined assignment operator	right	
	| =	combined assignment operator	right	
	<< =	combined assignment operator	right	
	>> =	combined assignment operator	right	
15	,	comma operator	left	