



Linguagem de Programação

Tabela Ascii e Casting

GLOSSÁRIO

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Glossário



Arquivo



Programa



Comando



Pasta



Computador



Listar



Criar



Terminal



Entrar



Código



Compilar



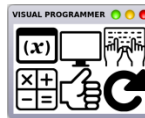
Voltar



Aluno



Executar



Visual Programmer





Glossário



Variável



Resto Divisão



Separar



Somar



Raiz Quadrada



Código Ascii



Subtrair



Potência



Casting



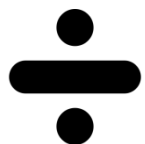
Multiplicar



printf



Maiúsculo



Aluno



scanf



Minúsculo

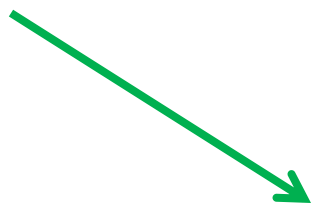




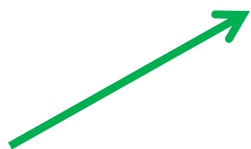
Glossário: Código Ascii



Tabela



Código



Caractere





Glossário: Código Ascii



CARACTERE	CÓDIGO	CARACTERE	CÓDIGO
A	65	a	97
B	66	b	98
C	67	c	99
D	68	d	100
E	69	e	101
F	70	f	102
G	71	g	103
H	72	h	104
I	73	i	105
J	74	J	106
.	.	.	.
Z	90	z	122





Glossário: Código Ascii



Decimal	Hex	Char	Decimal	Hex	Char	Decimal	Hex	Char	Decimal	Hex	Char
0	0	[NULL]	32	20	[SPACE]	64	40	@	96	60	`
1	1	[START OF HEADING]	33	21	!	65	41	A	97	61	a
2	2	[START OF TEXT]	34	22	"	66	42	B	98	62	b
3	3	[END OF TEXT]	35	23	#	67	43	C	99	63	c
4	4	[END OF TRANSMISSION]	36	24	\$	68	44	D	100	64	d
5	5	[ENQUIRY]	37	25	%	69	45	E	101	65	e
6	6	[ACKNOWLEDGE]	38	26	&	70	46	F	102	66	f
7	7	[BELL]	39	27	'	71	47	G	103	67	g
8	8	[BACKSPACE]	40	28	(	72	48	H	104	68	h
9	9	[HORIZONTAL TAB]	41	29	)	73	49	I	105	69	i
10	A	[LINE FEED]	42	2A	*	74	4A	J	106	6A	j
11	B	[VERTICAL TAB]	43	2B	+	75	4B	K	107	6B	k
12	C	[FORM FEED]	44	2C	,	76	4C	L	108	6C	l
13	D	[CARRIAGE RETURN]	45	2D	-	77	4D	M	109	6D	m
14	E	[SHIFT OUT]	46	2E	.	78	4E	N	110	6E	n
15	F	[SHIFT IN]	47	2F	/	79	4F	O	111	6F	o
16	10	[DATA LINK ESCAPE]	48	30	0	80	50	P	112	70	p
17	11	[DEVICE CONTROL 1]	49	31	1	81	51	Q	113	71	q
18	12	[DEVICE CONTROL 2]	50	32	2	82	52	R	114	72	r
19	13	[DEVICE CONTROL 3]	51	33	3	83	53	S	115	73	s
20	14	[DEVICE CONTROL 4]	52	34	4	84	54	T	116	74	t
21	15	[NEGATIVE ACKNOWLEDGE]	53	35	5	85	55	U	117	75	u
22	16	[SYNCHRONOUS IDLE]	54	36	6	86	56	V	118	76	v
23	17	[ENG OF TRANS. BLOCK]	55	37	7	87	57	W	119	77	w
24	18	[CANCEL]	56	38	8	88	58	X	120	78	x
25	19	[END OF MEDIUM]	57	39	9	89	59	Y	121	79	y
26	1A	[SUBSTITUTE]	58	3A	:	90	5A	Z	122	7A	z
27	1B	[ESCAPE]	59	3B	;	91	5B	[	123	7B	{
28	1C	[FILE SEPARATOR]	60	3C	<	92	5C	\	124	7C	|
29	1D	[GROUP SEPARATOR]	61	3D	=	93	5D	]	125	7D	}
30	1E	[RECORD SEPARATOR]	62	3E	>	94	5E	^	126	7E	~
31	1F	[UNIT SEPARATOR]	63	3F	?	95	5F	_	127	7F	[DEL]

Fonte: <https://www.techtudo.com.br/noticias/noticia/2015/02/o-que-e-o-codigo-ascii-e-para-que-serve-descubra.html>



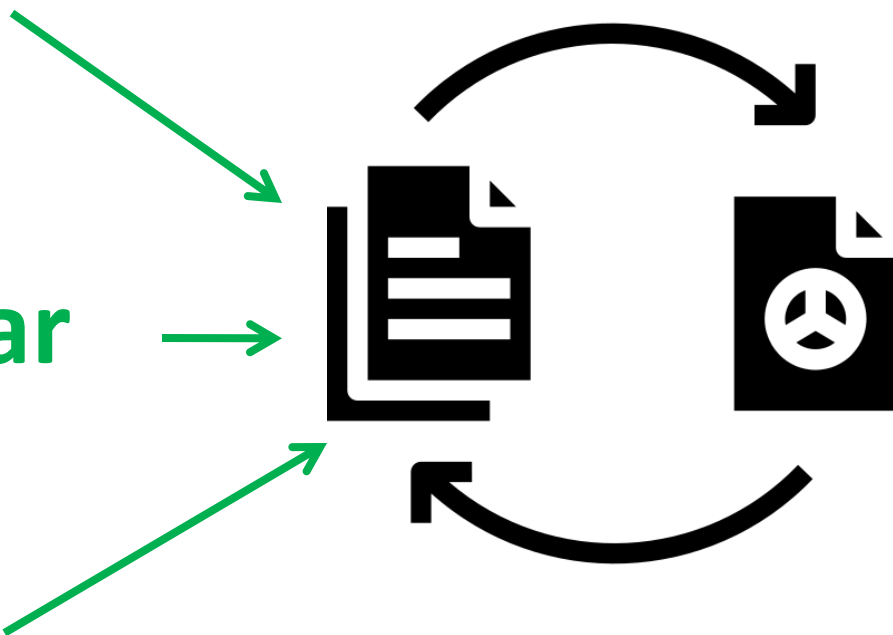


Glossário: Casting

Converter

Mudar

Tipo



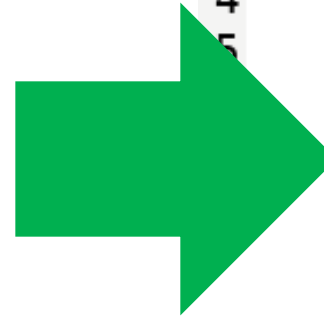
Glossário: Casting



c1



= 105



```
1 #include <stdio.h>
2
3 int main() {
4
5     char c1;
6
7     c1 = 105;
8     printf("c1 = %c", c1);
9 }
```

char



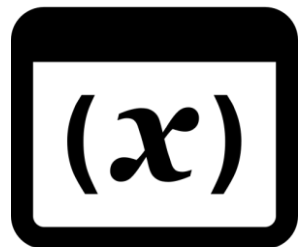
```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo Editar Ver Terminal Abas Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
c1 = i
[g1l3du4rd0@localhost Documentos]$
```



Glossário: Casting

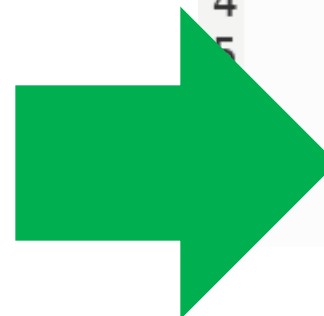


i1



= 'G'

int



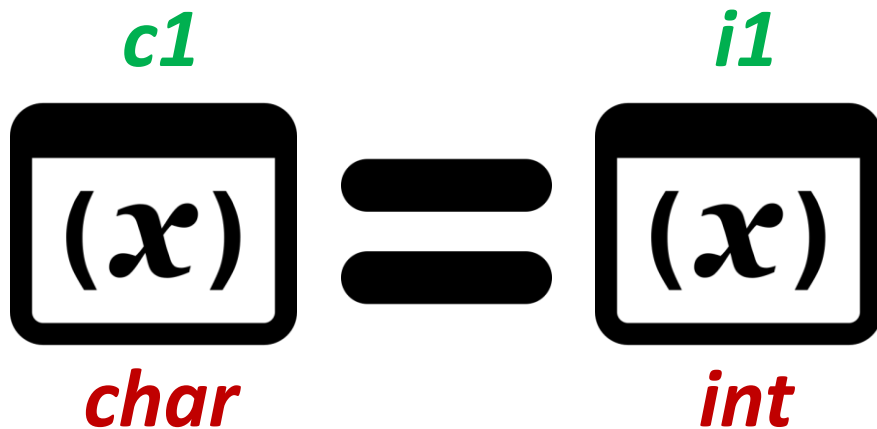
```
1 #include <stdio.h>
2
3 int main() {
4
5     int i1;
6
7     i1 = 'G';
8     printf("i1 = %i", i1);
9 }
```



```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo Editar Ver Terminal Abas Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
i1 = 71
[g1l3du4rd0@localhost Documentos]$
```

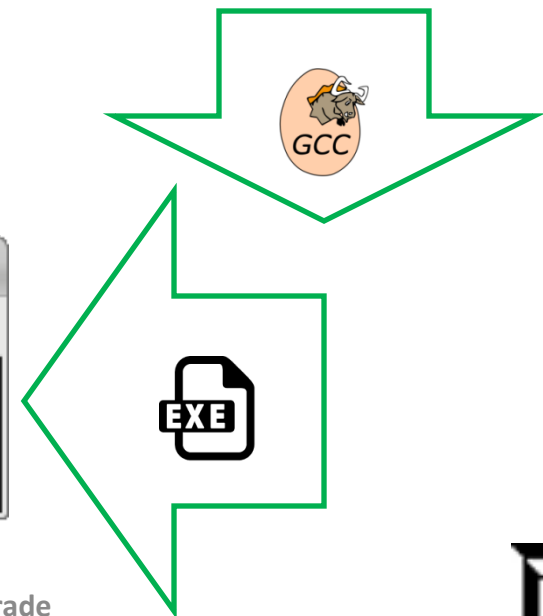


Glossário: Casting

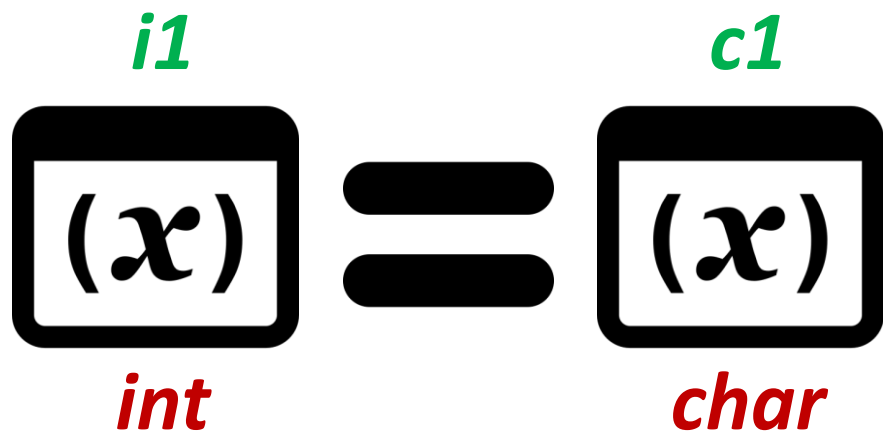


```
1 #include <stdio.h>
2
3 int main() {
4
5     char c1;
6     int i1;
7
8     i1 = 88;
9     c1 = i1;
10    printf("c1 = %c", c1);
11 }
```

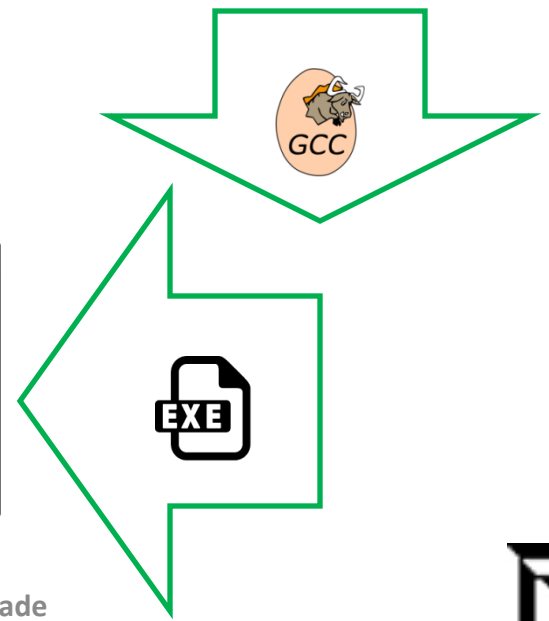
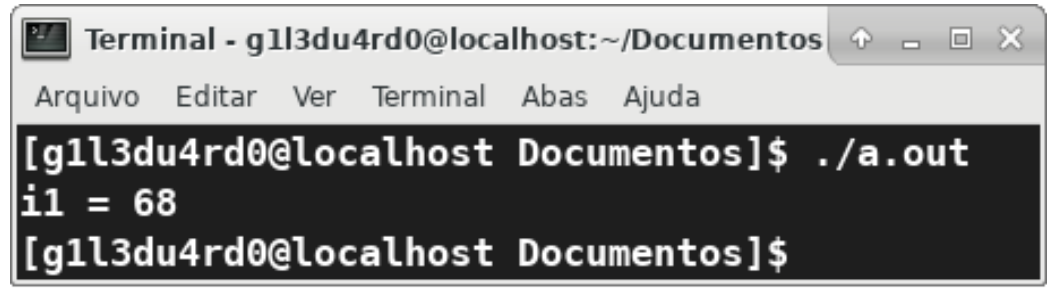
```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo  Editar  Ver  Terminal  Abas  Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
c1 = X
[g1l3du4rd0@localhost Documentos]$
```



Glossário: Casting



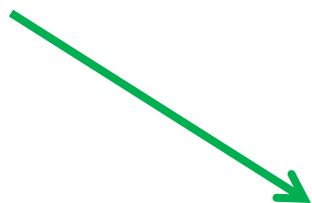
```
1 #include <stdio.h>
2
3 int main() {
4
5     char c1;
6     int i1;
7
8     c1 = 'D';
9     i1 = c1;
10    printf("i1 = %i", c1);
11 }
```



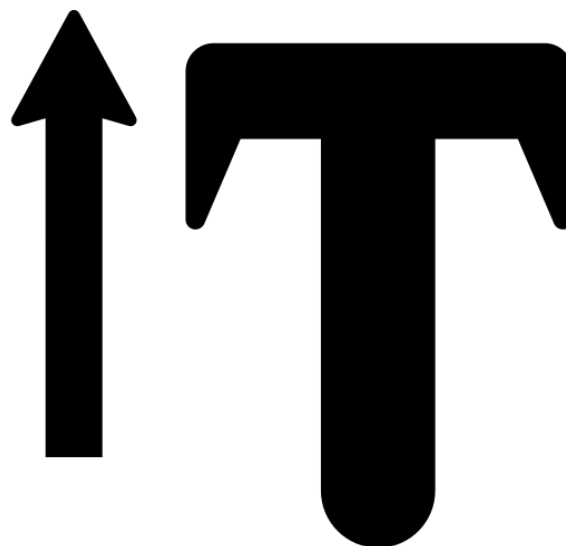


Glossário: Maiúsculo ↑↑

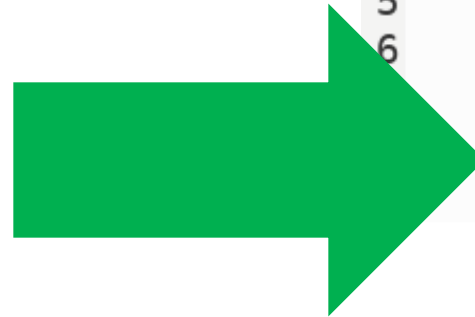
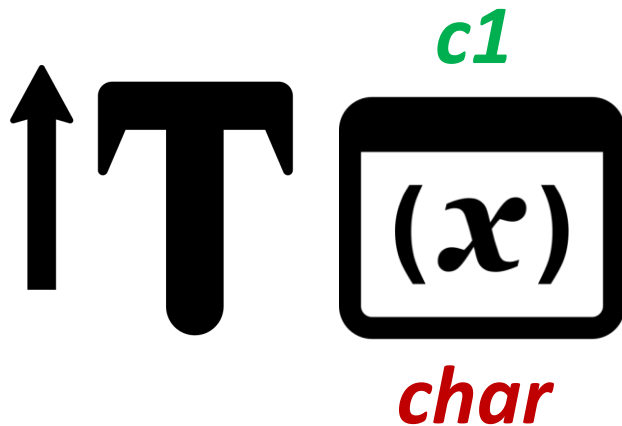
Alterar



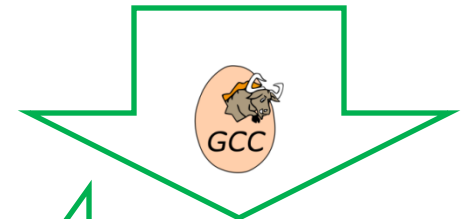
Caixa Alta →



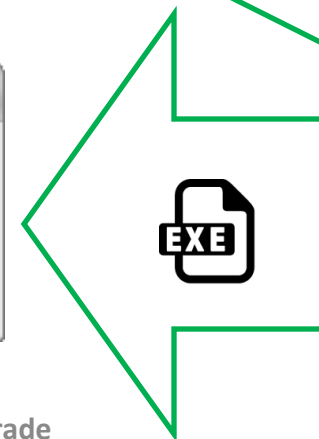
Glossário: Maiúsculo ↑↑



```
1 #include <stdio.h>
2
3 int main() {
4
5     char c1;
6
7     c1 = 'g';
8     c1 = c1 - 32;
9     printf("c1 = %c", c1);
10 }
```



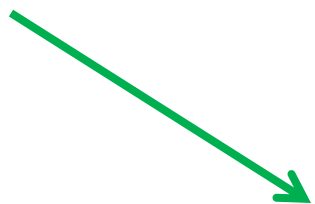
```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo  Editar  Ver  Terminal  Abas  Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
c1 = G
[g1l3du4rd0@localhost Documentos]$
```



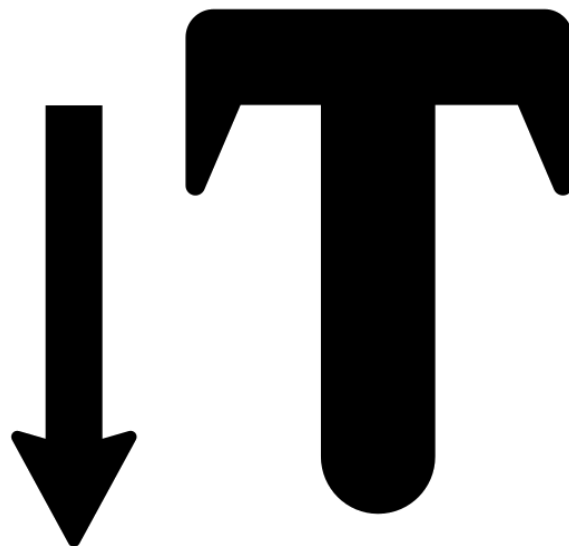


Glossário: Minúsculo ↓↑

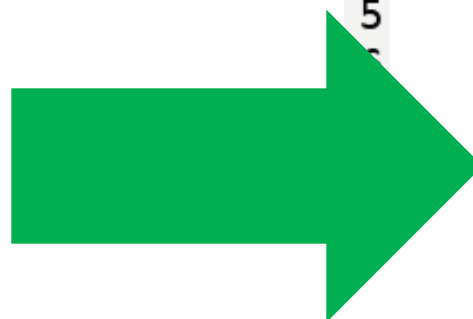
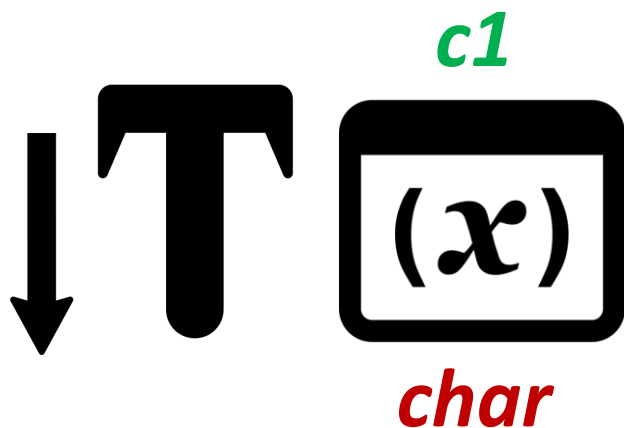
Alterar



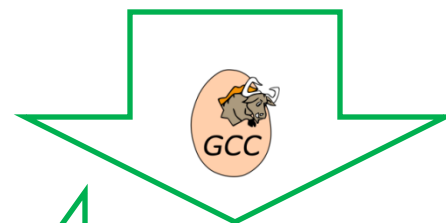
Caixa Baixa →



Glossário: Minúsculo ↓↑



```
1 #include <stdio.h>
2
3 int main() {
4
5     char c1;
6
7     c1 = 'H';
8     c1 = c1 + 32;
9     printf("c1 = %c", c1);
10 }
```



```
Terminal - g1l3du4rd0@localhost:~/Documentos
Arquivo  Editar  Ver  Terminal  Abas  Ajuda
[g1l3du4rd0@localhost Documentos]$ ./a.out
c1 = h
[g1l3du4rd0@localhost Documentos]$
```

