Programming in C
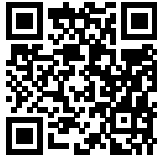
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Table of Contents

[unsigned | signed**] [**long | short**] [**int | float | double**]**
The use of int implies signed int without the need to state it. Likewise unsigned short means unsigned short int.

Type	Minimum size (bits)	Format specifier
char	8	%c
signed char	8	%c (or %hhi for numerical output)
unsigned char	8	%c (or %hhu for numerical output)
short short int signed short signed short int	16	%hi or %hd
unsigned short unsigned short int	16	%hu
int signed signed int	16	%i or %d
unsigned unsigned int	16	%u
long long int signed long signed long int	32	%li or %ld
unsigned long unsigned long int	32	%lu

Type	Minimum size (bits)	Format specifier
long long long long int signed long long signed long long int	64	%lli or %lld
unsigned long long unsigned long long int	64	%llu
float		scanf(): %f %F %g %G %e %E %a %A
double		%lf %lF %lg %lG %le %lE %la %lA[c]
long double		%Lf %LF %Lg %LG %Le %LE %La %LA