

Returns Absolute value of *j*. The behavior is undefined if the absolute value of *j* can't be represented. 26.2

lldiv *Long Long Integer Division (C99)* <stdlib.h>

`lldiv_t lldiv(long long int numer,
 long long int denom);`

Returns An `lldiv_t` structure containing members named `quot` (the quotient when *numer* is divided by *denom*) and `rem` (the remainder). The behavior is undefined if either part of the result can't be represented. 26.2

llrint *Round to Long Long Integer Using Current Direction (C99)* <math.h>

`long long int llrint(double x);`
llrintf `long long int llrintf(float x);`
llrintl `long long int llrintl(long double x);`

Returns *x* rounded to the nearest integer using the current rounding direction. If the rounded value is outside the range of the `long long int` type, the result is unspecified and a domain or range error may occur. 23.4

llround *Round to Nearest Long Long Integer (C99)* <math.h>

`long long int llround(double x);`
llroundf `long long int llroundf(float x);`
llroundl `long long int llroundl(long double x);`

Returns *x* rounded to the nearest integer, with halfway cases rounded away from zero. If the rounded value is outside the range of the `long long int` type, the result is unspecified and a domain or range error may occur. 23.4

localeconv *Get Locale Conventions* <locale.h>

`struct lconv *localeconv(void);`

Returns A pointer to a structure containing information about the current locale. 25.1

localtime *Convert Calendar Time to Broken-Down Local Time* <time.h>

`struct tm *localtime(const time_t *timer);`

Returns A pointer to a structure containing a broken-down local time equivalent to the calendar time pointed to by *timer*. Returns a null pointer if the calendar time can't be converted to local time. 26.3

log *Natural Logarithm* <math.h>

`double log(double x);`
logf `float logf(float x);`
logl `long double logl(long double x);`

Returns Logarithm of *x* to the base *e*. A domain error occurs if *x* is negative. A range error may occur if *x* is zero. 23.3