

<b>log10</b>	<i>Common Logarithm</i>	<math.h>
	double log10(double x);	
log10f	float log10f(float x);	
log10l	long double log10l(long double x);	
Returns	Logarithm of x to the base 10. A domain error occurs if x is negative. A range error may occur if x is zero.	23.3
<b>log1p</b>	<i>Natural Logarithm of 1 Plus Argument (C99)</i>	<math.h>
	double log1p(double x);	
log1pf	float log1pf(float x);	
log1pl	long double log1pl(long double x);	
Returns	Logarithm of 1 + x to the base e. A domain error occurs if x is less than -1. A range error may occur if x is equal to -1.	23.4
<b>log2</b>	<i>Base-2 Logarithm (C99)</i>	<math.h>
	double log2(double x);	
log2f	float log2f(float x);	
log2l	long double log2l(long double x);	
Returns	Logarithm of x to the base 2. A domain error occurs if x is negative. A range error may occur if x is zero.	23.4
<b>logb</b>	<i>Radix-Independent Exponent (C99)</i>	<math.h>
	double logb(double x);	
logbf	float logbf(float x);	
logbl	long double logbl(long double x);	
Returns	$\log_r( x )$ , where r is the radix of floating-point arithmetic (defined by the macro FLT_RADIX, which typically has the value 2). A domain error or range error may occur if x is zero.	23.4
<b>longjmp</b>	<i>Nonlocal Jump</i>	<setjmp.h>
	void longjmp(jmp_buf env, int val);	
	Restores the environment stored in env and returns from the call of setjmp that originally saved env. If val is nonzero, it will be setjmp's return value; if val is 0, setjmp returns 1.	24.4
<b>lrint</b>	<i>Round to Long Integer Using Current Direction (C99)</i>	<math.h>
	long int lrint(double x);	
lrintf	long int lrintf(float x);	
lrintl	long int lrintl(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 int type, the result is unspecified and a domain or range error may occur.	23.4