

<i>fclose</i>	<i>Close File</i>	<i><stdio.h></i>
	<code>int fclose(FILE *stream);</code>	
	Closes the stream pointed to by <code>stream</code> . Flushes any unwritten output remaining in the stream's buffer. Deallocates the buffer if it was allocated automatically.	
<i>Returns</i>	Zero if successful, EOF if an error was detected.	22.2
<i>fdim</i>	<i>Positive Difference (C99)</i>	<i><math.h></i>
	<code>double fdim(double x, double y);</code>	
<i>fdimf</i>	<code>float fdimf(float x, float y);</code>	
<i>fdiml</i>	<code>long double fdiml(long double x, long double y);</code>	
<i>Returns</i>	Positive difference of <code>x</code> and <code>y</code> :	
	$\begin{cases} x - y & \text{if } x > y \\ +0 & \text{if } x \leq y \end{cases}$	
	A range error may occur.	23.4
<i>feclearexcept</i>	<i>Clear Floating-Point Exceptions (C99)</i>	<i><fenv.h></i>
	<code>int feclearexcept(int excepts);</code>	
	Attempts to clear the floating-point exceptions represented by <code>excepts</code> .	
<i>Returns</i>	Zero if <code>excepts</code> is zero or if all specified exceptions were successfully cleared; otherwise, returns a nonzero value.	27.6
<i>fegetenv</i>	<i>Get Floating-Point Environment (C99)</i>	<i><fenv.h></i>
	<code>int fegetenv(fenv_t *envp);</code>	
	Attempts to store the current floating-point environment in the object pointed to by <code>envp</code> .	
<i>Returns</i>	Zero if the environment was successfully stored; otherwise, returns a nonzero value.	27.6
<i>fegetexceptflag</i>	<i>Get Floating-Point Exception Flags (C99)</i>	<i><fenv.h></i>
	<code>int fegetexceptflag(fexcept_t *flagp, int excepts);</code>	
	Attempts to retrieve the states of the floating-point status flags represented by <code>excepts</code> and store them in the object pointed to by <code>flagp</code> .	
<i>Returns</i>	Zero if the states of the status flags were successfully stored; otherwise, returns a nonzero value.	27.6
<i>fegetround</i>	<i>Get Floating-Point Rounding Direction (C99)</i>	<i><fenv.h></i>
	<code>int fegetround(void);</code>	
<i>Returns</i>	Value of the rounding-direction macro that represents the current rounding direction. Returns a negative value if the current rounding direction can't be determined or doesn't match any rounding-direction macro.	27.6