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<b>fmod</b>	<i>Floating Modulus</i>	<code>&lt;math.h&gt;</code>
	<pre>double fmod(double x, double y);</pre>	
<i>fmodf</i>	<pre>float fmodf(float x, float y);</pre>	
<i>fmodl</i>	<pre>long double fmodl(long double x, long double y);</pre>	
<i>Returns</i>	Remainder when <i>x</i> is divided by <i>y</i> . If <i>y</i> is zero, either a domain error occurs or zero is returned.	
		23.3

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<b>fopen</b>	<i>Open File</i>	<code>&lt;stdio.h&gt;</code>
	<pre>FILE *fopen(const char * restrict filename,             const char * restrict mode);</pre>	
	Opens the file whose name is pointed to by <i>filename</i> and associates it with a stream. <i>mode</i> specifies the mode in which the file is to be opened. Clears the error and end-of-file indicators for the stream.	
<i>Returns</i>	A file pointer to be used when performing subsequent operations on the file. Returns a null pointer if the file can't be opened.	
		22.2

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<b>fpclassify</b>	<i>Floating-Point Classification (C99)</i>	<code>&lt;math.h&gt;</code>
	<pre>int fpclassify(real-floating x);</pre>	
		<i>macro</i>
<i>Returns</i>	Either <code>FP_INFINITE</code> , <code>FP_NAN</code> , <code>FP_NORMAL</code> , <code>FP_SUBNORMAL</code> , or <code>FP_ZERO</code> , depending on whether <i>x</i> is infinity, not a number, normal, subnormal, or zero, respectively.	
		23.4

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<b>fprintf</b>	<i>Formatted File Write</i>	<code>&lt;stdio.h&gt;</code>
	<pre>int fprintf(FILE * restrict stream,             const char * restrict format, ...);</pre>	
	Writes output to the stream pointed to by <i>stream</i> . The string pointed to by <i>format</i> specifies how subsequent arguments will be displayed.	
<i>Returns</i>	Number of characters written. Returns a negative value if an error occurs.	
		22.3

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<b>fputc</b>	<i>Write Character to File</i>	<code>&lt;stdio.h&gt;</code>
	<pre>int fputc(int c, FILE *stream);</pre>	
	Writes the character <i>c</i> to the stream pointed to by <i>stream</i> .	
<i>Returns</i>	<i>c</i> (the character written). If a write error occurs, <i>fputc</i> sets the stream's error indicator and returns EOF.	
		22.4

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<b>fputs</b>	<i>Write String to File</i>	<code>&lt;stdio.h&gt;</code>
	<pre>int fputs(const char * restrict s,           FILE * restrict stream);</pre>	
	Writes the string pointed to by <i>s</i> to the stream pointed to by <i>stream</i> .	
<i>Returns</i>	A nonnegative value if successful. Returns EOF if a write error occurs.	
		22.5

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