NAME
     log10, log10f, log10l − base-10 logarithmic function

SYNOPSIS
     #include <math.h>

     double log10(double *x***);**
     float log10f(float *x***);**
     long double log10l(long double *x***);**

     Link with −*lm*.

   Feature Test Macro Requirements for glibc (see **feature_test_macros**(7)):

     log10f(), **log10l**():
          _ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
             || /* Since glibc 2.19: */ _DEFAULT_SOURCE
             || /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE

DESCRIPTION
     These functions return the base 10 logarithm of *x*.

RETURN VALUE
     On success, these functions return the base 10 logarithm of *x*.

     For special cases, including where *x* is 0, 1, negative, infinity, or NaN, see **log**(3).

ERRORS
     See **math_error**(7) for information on how to determine whether an error has occurred when calling these
     functions.

     For a discussion of the errors that can occur for these functions, see **log**(3).

ATTRIBUTES
     For an explanation of the terms used in this section, see **attributes**(7).

Interface	Attribute	Value
log10(), **log10f**(), **log10l**()	Thread safety	MT-Safe

CONFORMING TO
     C99, POSIX.1-2001, POSIX.1-2008.

     The variant returning *double* also conforms to SVr4, 4.3BSD, C89.

SEE ALSO
     cbrt(3), **clog10**(3), **exp10**(3), **log**(3), **log2**(3), **sqrt**(3)

COLOPHON
     This page is part of release 5.02 of the Linux *man-pages* project. A description of the project, information
     about reporting bugs, and the latest version of this page, can be found at
     https://www.kernel.org/doc/man−pages/.