

NAME

floor, fabs, ceil, fmod — absolute value, floor, ceiling, remainder functions

SYNOPSIS

```
#include <math.h>

double floor (x)
double x;

double ceil (x)
double x;

double fmod (x, y)
double x, y;

double fabs (x)
double x;
```

DESCRIPTION

Fabs returns $|x|$.

Floor returns the largest integer (as a double precision number) not greater than x .

Ceil returns the smallest integer not less than x .

Fmod returns the number f such that $x = iy + f$, for some integer i , and $0 \leq f < y$.

SEE ALSO

abs(3C)