

## NAME

sin - sine function

## SYNOPSIS

```
cc [ flag ... ] file ... -lm [ library ... ]
```

```
#include <math.h>
```

```
double sin(double x);
```

## DESCRIPTION

The `sin()` function computes the sine of its argument `x`, measured in radians.

## RETURN VALUES

Upon successful completion, `sin()` returns the sine of `x`.

If `x` is NaN or +/-Inf, NaN is returned.

## ERRORS

No errors will occur.

## ATTRIBUTES

See `attributes(5)` for descriptions of the following attributes:

ATTRIBUTE TYPE	ATTRIBUTE VALUE
MT-Level	MT-Safe

## SEE ALSO

`asin(3M)`, `isnan(3M)`, `attributes(5)`