NAME
imaxdiv - returns quotient and remainder

LIBRARY
Standard C Library (libc, -lc)

SYNOPSIS
#include <inttypes.h>

imaxdiv_t
imaxdiv(*intmax_t numer*, *intmax_t denom*);

DESCRIPTION
The **imaxdiv**() function computes the value of *numer* divided by *denom* and returns the stored result in the form of the *imaxdiv_t* type.

The *imaxdiv_t* type is defined as:

```
typedef struct {
        intmax_t quot; /* Quotient. */
        intmax_t rem;  /* Remainder. */
} imaxdiv_t;
```

SEE ALSO
div(3), ldiv(3), lldiv(3), math(3)

STANDARDS
The **imaxdiv**() function conforms to ISO/IEC 9899:1999 ("ISO C99").

HISTORY
The **imaxdiv**() function first appeared in FreeBSD 5.0.