NAME
lbit - long bit extraction.

SYNOPSIS
lbit(hi,lo,lprt,resutls)

int hi,lo;
long *lptr,*results;

DESCRIPTION
Lbit extracts a bit field from a long. The bits in the long are numbered from 0 to N-1 going from right to left. N is the number of bits defined as a long (see /user/include/constants.h).

Hi is the number of the left-most bit to be extracted.

Lo is the number of the right-most bit to be extracted.

Lptr is the address of the long variable from which the bits are to be extracted.

Results is the address of the long variable where the binary number the bits extracted is to be placed.

LIBRARY
/lib/lib1.a

SEE ALSO
bit(3L) .

DIAGNOSTICS
A -1 is returned for error conditions hi less than lo, lo less than 0 and hi greater than N-1. Otherwise, a zero is returned.