NAME

    psubstr - copy substring of a string

SYNOPSIS

    psubstr(s1,s2,p1,p2)
    char *s1, *s2, *p1, *p2;

DESCRIPTION

    Psubstr returns a pointer whose value is the address of the ter-
    minating null character at the end of the target string s1. ·The
    substring of s2 as specified by p1 and p2 is copied into s1. The
    address returned is the same as that returned by the function
    plen.

    s1   the target string into which the extracted substring is
            copied. The target string is null terminated.

    s2   the string from which the substring is to be extracted.

    p1   a pointer that indicates the starting address of the
            substring in s2.

    p2   a pointer that indicates the address of the last
            character in s2 to be transferred into s1.

    An empty string is one whose first character is the null charac-
    ter.   If the source string, s2, is empty, the target string, s1,
    is set to empty and the address return is zero. The exception to
    the above is when p1 points to the null character of the empty
    string and p2 is of an equal or higher address.   In this case,
    the address returned is the address of the null character in
    string s1.

    If the address pointed to by s1 is zero, the address returned is
    zero.

    If p1 is higher than p2 or addresses a character past the end of
    the string, the target string is set empty and the address re-
    turned is zero.

    The address of p2, however, may be any value equal or higher than
    p1.   If p2 points to a character past the end of the source
    string, the substring will terminate with the last character of
    the the source string.

    The only time that the address of the first character of the tar-
    get string is returned is when p1 points to the null character of
    the source string. If p1 points to the null character of the
    source string the target string is set empty. For these cases p2
    may be equal or higher than p1.

LIBRARY
      /lib/lib3.a

SEE ALSO
      substr(3L)