**NAME**

    span -- look for first char not in pattern

**SYNOPSIS**

    **span(s1,s2)**
    **char \*s1, \*s2;**

**DESCRIPTION**

    Span returns an integer indicating the success or failure of the
pattern match. If the value returned is a positive array index
the match was a success. If the value returned is -1 the match
was a failure. This function returns the index of the first
character found in the searched string that was not in the pat-
tern string.

    s1  the searched character string.

    s2  a string of characters used as a pattern.

    The pattern, s2, can be any null terminated string of characters.
Repeated characters in s2 are ignored. The pattern string "Mis-
sissippi" is equivalent to the pattern string "iMps".

    This function is implemented with a table driven pattern matcher.
The empty string is defined as a string whose first character is
the null character.

    The error code, -1, is returned only if the searched string, s1,
is empty.

    If a character not in the string s2 is found in the string s1,
the array index of the character position in s1 will be returned.

    If the entire string s1 is searched and every character matches
the pattern, the length of the string s1 is returned. The length
is the array index of the terminating null byte.

**LIBRARY**

    /lib/lib3.a

**SEE ALSO**

    pspan(3L)