

POS

Returns the column number of the most recent character PRINTed by XYBASIC.

Example: IF POS < 20 THEN PRINT TAB(20);

FIRST**LAST**

Returns the address of the first or last location used to store the current XYBASIC program.

Example: PRINT LAST - FIRST + 1

Section 5: String Formulas

The string functions in this section may only be used in Extended XYBASIC.

A quoted string is a string of characters enclosed in quote marks (" "). The string containing no characters is called the null string. A string formula is any quoted string, string variable, or legal combination of quoted strings, string variables, and string functions. A TM error occurs if a numeric argument is used where a string is expected, or vice versa. An OS error occurs if XYBASIC runs out of space for string storage.

LEN (string)

Returns the length of the string, i.e. the number of characters it contains.

Example: PRINT LEN (A\$), A\$

[string1] + [string2]

Returns the string consisting of string1 followed by string2, i.e. concatenates the strings. A LS error occurs if the result is longer than 255 characters. An ST error occurs if string1 or string2 is too complicated a string formula.

Example: A\$ = B\$ + "ABC"

LEFT\$ (string, formula)**RIGHT\$ (string, formula)**

Returns the leftmost or rightmost formula characters of string. An FC error occurs if the value of formula is less than 0 or greater than 255.

Example: PRINT RIGHT\$ (A\$, LEN (A\$) - 2)

MID\$ (string, formula1, formula2)

Returns the substring of string formula2 characters long, starting at character formula1. If formula2 is omitted, returns the right part of the string starting at character formula1. An FC error occurs if either formula is less than 0 or greater than 255.

Examples: A\$ = MID\$ (B\$, 4, 3)
A\$ = MID\$ (B\$, I) + LEFT\$ (B\$, I)

CHR\$ (formula)

Returns the string containing the character with ASCII value formula.

[Integer] May be used only in PRINT commands.

Example: PRINT CHR\$ (ASC ("A") + I)

ASC (string)

Returns the ASCII value of the first character of string. An FC error occurs if its argument is the null string.

Example: PRINT ASC ("A")