tugcepolat_yancar.lisp documentation:

Function tucepolat_yancar(main function):This function reads a line of input and tokenizes it into words. It iterates through each word, checking for the presence of the word "exit" and calling another function kelime_bak. If the latter function returns 2, the loop exits.

Function opkontrol:This function checks for operators in the input and appends corresponding tokens to list1 and list2.

Function kwkontrol:This function checks for keywords in the input and appends corresponding tokens to list1 and list2.

Function valbak:This function processes values, such as numbers and function calls, in the input and appends corresponding tokens to list1 and list2.

Function bolucu:This function splits a string into words based on spaces.

Function kelime_bak:This function processes individual words in the input and appends corresponding tokens to list1 and list2.

Function pulsar:This function searches for the index of a string in a list.

Function hizmetci_val:This function checks if a string represents a numeric value.

tugcepolat.lisp documentation:

you can compile and run with " clisp tucepolat.lisp "
exitlo and error:These variables are used to track the exit status and errors during the interpretation process.

values:This is a global parameter representing a list used for storing values during interpretation.

tucepolat:This function is the main loop of the interpreter. It repeatedly processes input, checks for specific commands, and prints results or errors.

listdonus:This function processes lists to obtain a parsed structure. It seems to handle nested parentheses and reverse the lists.

expuret:This function evaluates mathematical expressions. It performs addition, subtraction, multiplication, and division based on the operator (OP_PLUS, OP_MINUS, OP_MULT, OP_DIV).

kesirdonus:This function converts a fractional value in string format to a list of two numeric values.

expdonustur_hizmetci:This function converts expressions to a canonical form for further processing.

expbul:This function checks if list1 represents a valid mathematical expression or function call.

explistbul:This function checks if list1 represents a valid mathematical expression.

idbul:This function checks if list1 contains the keyword "ID".

fonk_bul:This function checks if list1 represents a function definition.