

Pseudo-Code For Self Describing Numbers

Start Program

Call in the string function to accept string values .

Call in the Library.

Initialize the character string to accept one hundred characters.

Initialize the integer and to accept one hundred numbers in an array form

Declare the integer count variable and assign zero as the value.

Declare the integer variable for trial, character self_describing to be equal to T.

Enter number

Let the trial variable be equal to the strlen()function to calculate the length of the given string.

Using the for loop statement: for a=0 to a < trial repeat the process

Let numbe_array for a equal number_string where value of a - '0'.

Using another for loop statement: for a =0 to a < trial repeat the process.

Display the values of the integers in the number for number _array[a], a.

Using another for loop statement for n and l:

For n =0 to n<trial repeat same process

Create another for loop statement inside the for loop statement for 'n': for l=0 to l<trial repeat same process again.

Inside the for loop statement for l we create an if statement for : if l we create an IF statement number_array[1] is equal to n, repeat process.

Generate another if statement: if the count is equal to number_array then let it display self_describing = 'T' and if it doesn't it should display self_describing = 'F'

Display on a single ln

Display not describing

Break the proces.

Declare zero as the value for the variable count.

Using the if statement if the self_describing is not equal to F then let it display in that line and also display self_describing.

Break the process.