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\* File : Lab3\_3.7.doc

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\* Description : Find the substring in a string

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BEGIN

DECLARE word[30],search[30] AS STRING

DECLARE cnt1,cnt2,i,j,flag AS NUMBERS

PROMPT "Enter the string"

ACCEPT word AS STRING FROM USER

PROMPT "Enter the substring"

ACCEPT search AS STRING FROM USER

WHILE word[cnt] != NULL \\i.e., '\0'

THEN INCREMENT cnt BY 1

WHILE search[cnt1] != NULL \\i.e., '\0'

THEN INCREMENT cnt1 BY 1

FOR i=0 TO i <= (cnt1 - cnt2)

FOR j=i TO j < (i+cnt2)

flag = 1

IF word[j] != search[j-i]

flag = 0

BREAK

END IF

END FOR

IF flag == 1

BREAK

END IF

END FOR

IF flag == 1 THEN

PRINT "SUCCESSFUL!"

ELSE

PRINT "NOT SUCCESSFUL!"

END IF

END