Not Bad

//Declaration

Declare str1: String

Declare str2: String

Declare replacestr: String

Declare endstr: String

Declare find1: Integer

Declare find2: Integer

Declare i: Integer

//Initialization

str1 ← ""

str2 ← ""

replacestr ← ""

endstr ← ""

find1 ← 0

find2 ← 0

i ← 0

//Input Prompt

INPUT "Enter a Phrase: ", str1

//Processing Request

find1 ← LOCATE (str1, "not")

find2 ← LOCATE (find1+3, str1, "bad")

replacestr ← MID (str1, find1, find2)

str2 ← MID (str1, 1, find1 - 1)

endstr ← MID (str1, find2 + 3, Len(str1))

//Locating “not...bad” string

FOR i ← 1 TO LENGTH(str1)

IF find2 > find1 AND find1 > 0 AND find2 > 0

THEN replacestr ← "good"

END IF

NEXT

//Replacing “not…bad” with “good”

IF replacestr ← "good"

THEN str2 ← str2 & replacestr & endstr

ELSE str2 ← str1

END IF

//Output Desired Results

OUTPUT "New Phrase is: " & str2