**Maximum Occurrence of a Character**

//Declaration

DECLARE str1: String

DECLARE char\_1: Char

DECLARE char\_2: Char

DECLARE char\_3: Char

DECLARE Highestcount: Integer

DECLARE charCount: Integer

DECLARE a: Integer

DECLARE b: Integer

//Initialization

str1 ← ""

char\_1 ← ‘’

char\_2 ← ‘’

char\_3 ← ‘’

Highestcount ← 0

charCount ← 0

a ← 0

b ← 0

//Input Prompt

INPUT "Enter a Sentence: ", str1

//Processing Request

str1 ← LOWER(str1)

FOR a ← 1 TO LENGTH(str1)

char\_1 ← MID (str1, a, 1)

charcount = 0

FOR b ← 1 TO LENGTH(str1)

char\_2 ← MID (str1, b, 1)

//Counting Character with Maximum Occurrence

IF char\_2 ← char\_1

THEN charCount ← charCount + 1

END IF

NEXT

IF charCount > Highestcount

THEN Highestcount ← charCount

char\_3 ← char\_1

END IF

NEXT

//Output Desired Results

OUTPUT "Highest Character occurrence is of " & char\_3 & " " \_

& Highestcount & " times"