**Vowel Count**

//Declaration

DECLARE str1: String

DECLARE acount: Integer

DECLARE ecount: Integer

DECLARE icount: Integer

DECLARE ocount: Integer

DECLARE ucount: Integer

DECLARE totalCount: Integer

DECLARE I: Integer

DECLARE thischar: Character

//Initialization

str1 ← ""

thischar ← ‘’

acount ←

ecount ← 0

icount ← 0

ocount ← 0

ucount ← 0

totalcount ← 0

I ← 0

//Input Prompt

INPUT "Enter a string: “, str1

//Processing Request

str1 ← UPPER (str1)

FOR i ← 1 TO LENGTH(str1)

thischar ← MID (str1, i, 1)

//Counting ‘A’s

IF thischar ← "A"

THEN acount ← acount + 1

totalcount ← totalcount + 1

//Counting ‘E’s

ELSE IF thischar ← "E"

THEN ecount ← ecount + 1

totalcount ← totalcount + 1

//Counting ‘I’s

ELSE IF thischar ← "I"

THEN icount ← icount + 1

totalcount ← totalcount + 1

//Counting ‘O’s

ELSE IF thischar ← "O"

THEN ocount ← ocount + 1

totalcount ← totalcount + 1

//Counting ‘U’s

ELSE IF thischar ← "U"

THEN ucount ← ucount + 1

totalcount ← totalcount + 1

END IF

END IF

END IF

END IF

END IF

NEXT

//Output desired results

OUTPUT ("Total number of vowels in entered string are: " & \_ totalcount & " out of which there are ")

OUTPUT ("A: " & acount)

OUTPUT ("E: " & ecount)

OUTPUT ("I: " & icount)

OUTPUT ("O: " & ocount)

OUTPUT ("U: " & ucount)