ALGORITHM read\_sentence

// Initialize counters

Var

length <- 0

word\_count <- 0

vowel\_count <- 0

in\_word <- False

BEGIN

While True Do

Read character

// Check if the character is a period

If character = '.' Then

If in\_word = True Then

word\_count <- word\_count + 1

End If

Break // Exit the loop

End If

// Increment the length counter

length <- length + 1

// Check if the character is a vowel

If character = 'a' OR character = 'e' OR character = 'i' OR character = 'o' OR character = 'u' OR

character = 'A' OR character = 'E' OR character = 'I' OR character = 'O' OR character = 'U' Then

vowel\_count <- vowel\_count + 1

End If

// Check for the start or end of a word

If character ≠ ' ' Then

in\_word <- True

Else If in\_word = True Then

word\_count <- word\_count + 1

in\_word <- False

End If

End While

// Print results

Print "Length of the sentence: ", length

Print "Number of words: ", word\_count

Print "Number of vowels: ", vowel\_count

END