**# checkpoint.algo**

**# Initialize counters**

**lengthCounter := 0**

**wordCounter := 0**

**vowelCounter := 0**

**# Read input sentence character by character until encountering '.'**

**WHILE (currentCharacter != '.'):**

**# Read the next character**

**currentCharacter := ReadNextCharacter()**

**# If the current character is not a space, increment lengthCounter**

**IF (currentCharacter != ' '):**

**lengthCounter := lengthCounter + 1**

**# If the current character is a space, increment wordCounter**

**IF (currentCharacter == ' '):**

**wordCounter := wordCounter + 1**

**# If the current character is a vowel, increment vowelCounter**

**IF (IsVowel(currentCharacter)):**

**vowelCounter := vowelCounter + 1**

**# Print results**

**Write("Length of the sentence: ", lengthCounter)**

**Write("Number of words: ", wordCounter + 1)**

**Write("Number of vowels: ", vowelCounter)**