In the programming language of your choice

create a class with a method to return the

length and longest words in a sentence. For example, “The cow jumped over the moon.”

should return 6 and “jumped”.

#1

**# Python program to find the number of characters**

**# in the longest word in the sentence.**

**def longestWordLength(string):**

**length = 0**

**# Finding longest word in sentence**

**for word in string.split():**

**if(len(word) > length):**

**length = len(word)**

**return length**

**# Driver Code**

**string = "I am an intern at geeksforgeeks"**

**print(longestWordLength(string))**

#2

**# Python program to find the number of characters**

**# in the longest word in the sentence.**

**def longestWordLength(string):**

**length = 0**

**# Finding longest word in sentence**

**for word in string.split():**

**if(len(word) > length):**

**length = len(word)**

**return length**

**# Driver Code**

**string = "I am an intern at geeksforgeeks"**

**print(longestWordLength(string))**

Unit Test

**Input :** I am an intern at geeksforgeeks

**Output :** Longest word's length = 13 geeksforgeeks

If result of the test not geeksforgeeks that means something wrong with a code

Possible test case scenarios

Sentence string can be

1. NULL,      ””
2. Empty     “  “
3. Can be a space  between words  “   ad            huu            lll      “
4. It could be not a word (1234567897852)
5. It could the  alphanumeric combination (ase45gh ,  67tt, jgiyo9 )
6. It could be  a  word with special characters (%, $, ‘)
7. It could be only one long word string  “Thecowjumpedoverthemoon”
8. It could be a sentence where  all words have the  same length ( one two one two)
9. It could be coma , after word too (cat, cat cat: cat&)
10. It could be math formula “(12 \*5) + (45/5) -7 +7”