

```
1 import os
2
3
4 def longest_word(file):
5     text = file.read()
6     words = text.split()
7
8     n = 0
9     word = ""
10    for w in words:
11        n += 1
12        if len(w) > len(word):
13            word = w
14    return n, word
15
16
17 filename = input("Please input name of the file: ")
18 # Find the folder of this script
19 script_dir = os.path.dirname(os.path.abspath(__file__))
20 # Form the path to the file located in this folder
21 file_path = os.path.join(script_dir, filename)
22 try:
23     with open(f"{file_path}", "r") as file:
24         n, word = longest_word(file)
25         print(f"'{word}' is the longest word and is the word #{n} in the file")
26 except FileNotFoundError:
27     print("Could not find the file")
```