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1 # -*- coding: utf-8 -*-
2 """Untitled2.ipynb
3
4 Automatically generated by Colaboratory.
5
6 Original file is located at
7     https://colab.research.google.com/drive/
1zhu5hTg06FJf34p-08rXmof77rRURf6U
8 """
9 #question1
10 def longest_length_string(my_string):
11     len_str=len(my_string[0])
12     temp_val=my_string[0]
13     for i in my_string:
14         if(len(i) >len_str):
15             len_str=len(i)
16             tem_val=i
17     print("the word with the longest length is:",
18         temp_val,"and length is",len_str)
19 my_string=["kim namjoon","kim soekjin","min yoongi",
20     jung hosoek","park jimin","kim taehyung","jeon
21     jungkook"]
22 print("the list is:")
23 print(my_string)
24 print("the to method to the longest string in the
25     list is called")
26 longest_length_string(my_string)
27 #question2
28 str = "love yourself answer"
29 n=5
30 modified_str=''
31 for char in range(0,len(str)):
32     if (char!=n):
33         modified_str+=str[char]
34 print("modified string after removing",n,"th
35     character")
36 print(modified_str)
37 #question3
38 s="map of the soul seven"
39 last_word=s.split()[-1]
40 print("last_words")
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36 #question4
37 def lexicographi_sort(s):
38     return sorted(sorted(s),key=str.upper)
39     print(lexicographi_sort('btsarmyforever'))
40 #question5
41 def remove(string):
42     return string.replace(" ", "")
43     string='B T S A R M Y'
44     print(remove(string))
```