*# # --------------------------- "Search Engine" ----------------------------------------- #  
# """  
# The task you have to perform is “Search Engine”. This task consists of a total of 20 points to evaluate your performance  
#  
# Problem Statement:-  
#  
# You are given few sentences as a list (Python list of sentences). Take a query string as an input from the user. You  
# have to pull out the sentences matching this query inputted by the user in decreasing order of relevance after  
# converting every word in the query and the sentence to lowercase. Most relevant sentence is the one with the maximum  
# number of matching words with the query.  
#  
# Sentences = [“Python is cool”, “python is good”, “python is not python snake”]  
#  
# Input:  
# Please input your query string  
#  
# “Python is”  
#  
# Output:  
# 3 results found:  
#  
# python is not python snake  
# python is good  
# Python is cool  
# """  
#  
#  
# # ------------------ Let's Starts -------------- #*print(**"------------------------- Search Engine ------------------"**)  
print()  
print(**"You have to input a string as query and we will find you the most relevant matches for your string. "**)  
  
  
**def** matching\_words(sentence1, sentence2):  
 words1 = sentence1.split(**" "**)  
 words2 = sentence2.split(**" "**)  
 score = 0  
 **for** word1 **in** words1:  
 **for** word2 **in** words2:  
 **if** word1.lower() == word2.lower():  
 score += 1  
  
 **return** score  
  
  
**if** \_\_name\_\_ == **'\_\_main\_\_'**:  
 sentences = [**'Python is cool'**, **'python is good'**, **'python is not python snake'**]  
  
 print()  
 user\_inp = input(**"Please input your query string:\n\t"**).lower()  
 scores = [matching\_words(user\_inp, sentence) **for** sentence **in** sentences]  
  
 *# print(scores)* sortedSentScore = [SentScore **for** SentScore **in** sorted(zip(scores, sentences), reverse=**True**)]  
 *# print(sortedSentScore)* print(**'---------------------------------------------'**)  
 print(**f"{**len(sortedSentScore)**} results found !"**)  
 print(**'----------------------------------------------'**)  
  
 **for** score, item **in** sortedSentScore:  
 print(**f"{**item**}"**)