▲ HEMADARSHINI R S 2022-BIOMED-A H2 ~ REC-PS

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Quiz navigation Started on Thursday, 23 May 2024, 11:37 AM State Finished Completed on Saturday, 25 May 2024, 9:16 AM Time taken 1 day 21 hours Show one page at a time Finish review Question 1 Correct

Marks 5.00/5.00 Grade 100.00 out of 100.00 Coders here is a simple task for you, Given string str. Your task is to check whether it is a binary string or not by using python set. Examples: Mark 1.00 out of 1.00 Input: str = "01010101010" F Flag question Output: Yes

Output: No

Input: str = "REC101"

For example: Result Input

3

Answer: (penalty regime: 0 %) 6 4 9 10 str = input() 12

1 - def check_binary(str): # Create a set of characters in the string char_set = set(str) return "Yes" 13

Check if the set contains only '0' and '1' for char in char_set: if char not in {'0', '1'}: return "No" # Test the function 14 | print(check_binary(str)) # Output: Yes

Input **Expected Got** 01010101010 Yes 🗸 REC123 No 010101 10101 No Passed all tests! < Marks for this submission: 1.00/1.00.

Correct Write a program to eliminate the common elements in the given 2 arrays and print only the non-repeating elements and the total number of such non-repeating elements. The first line contains space-separated values, denoting the size of the two arrays in integer format respectively. The next two lines contain the space-separated integer arrays to be compared.

Input Format: Sample Input: 54 12865 26810 Sample Output: 1510

Sample Input: 55 12345 12345

Question 2

Mark 1.00 out of

Flag question

Correct

1.00

Sample Output: NO SUCH ELEMENTS For example: Input 5 4 1 2 8 6 5 3 2 6 8 10 Answer: (penalty regime: 0 %) 1 | n,m = map(int,input().split()) array1=list(map(int,input().split()))

Result

1 5 10

4 set1 = set(array1) 5 | set2 = set(array2)

9

10

12

11 - else:

Input

1 2 8 6 5 3

2 6 8 10

10 10 10

10 11 12

Example 1:

Output: 2

Example 2:

Output: 3

For example:

1 3 4 4 2 4

Input

2

3 + 4 ,

5

6

Input

V 13442

Passed all tests! <

Correct

1 2 2 3 4 5 6 7 2

Marks for this submission: 1.00/1.00.

Input: nums = [1,3,4,2,2]

Input: nums = [3,1,3,4,2]

Result

Answer: (penalty regime: 0 %)

1 - def find_duplicates(nums): num_set = set()

for i in nums:

nums = input().split()

print(find_duplicates(nums))

if i in num_set:

Expected Got

2

Create a pair tuple with sorted order to avoid duplicate pairs

There is a malfunctioning keyboard where some letter keys do not work. All other keys on the keyboard work properly.

broken, return the number of words in text you can fully type using this keyboard.

Result

Given a string text of words separated by a single space (no leading or trailing spaces) and a string brokenLetters of all distinct letter keys that are

print("Invalid input. Please enter integers separated by commas for the tuple and a single integer for K.")

pair = tuple(sorted((num, complement)))

Convert the input string to a tuple of integers

t = tuple(map(int, t_input.split(',')))

Call the function and print the result

print(count_distinct_pairs(t, K))

print(f"An error occurred: {e}")

Expected Got

pairs.add(pair)

return i num_set.add(i)

8 - if non repeating elements:

3 | array2=list(map(int,input().split()))

6 | symmetric_diff=set1.symmetric_difference(set2)

print (len(non_repeating_elements))

print (*non_repeating_elements)

print("NO SUCH ELEMENTS")

Expected Got

1 5 10 🗸

11 12

3

2

1 5 10

11 12

7 non_repeating_elements = [x for x in symmetric_diff if x not in set1 or x not in set2]

5 4 3 3 Passed all tests! < Correct Marks for this submission: 1.00/1.00. Question 3 Given an array of integers nums containing n + 1 integers where each integer is in the range [1, n] inclusive. There is only **one repeated** number in nums, return this repeated number. Solve the problem using set.

Correct

1.00

Mark 1.00 out of

Flag question

Question 4 Correct Mark 1.00 out of 1.00 F Flag question

Given a tuple and a positive integer k, the task is to find the count of distinct pairs in the tuple whose sum is equal to K. **Examples: Input:** t = (5, 6, 5, 7, 7, 8), K = 13 Output: 2 **Explanation:** Pairs with sum K(= 13) are $\{(5, 8), (6, 7), (6, 7)\}$. Therefore, distinct pairs with sum K(=13) are $\{(5, 8), (6, 7)\}$. Therefore, the required output is 2. For example: Input Result 1,2,1,2,5 1 3 1,2 0

Answer: (penalty regime: 0 %) 1 - def count_distinct_pairs(t, K): seen = set() 2 3 pairs = set() 4 5 1 for num in t: complement = K - num 6 if complement in seen: 8 9 10 seen.add(num) 11 12 return len(pairs) 13 # Input handling 16 + try: t_input = input() 17 K = int(input()) 18 19

20

21 22

23

24

26

28

Input

13

5,6,5,7,7,8 2

1,2,1,2,5

25 * except ValueError:

27 - except Exception as e:

Question 5 Correct Mark 1.00 out of 1.00 Flag question

Example 1: Input: text = "hello world", brokenLetters = "ad" Output: Explanation: We cannot type "world" because the 'd' key is broken. For example: Input hello world Faculty Upskilling in Python Programming 2 Answer: (penalty regime: 0 %)

1 + def countWords(text, brokenLetters):

words = text.split(' ')

for word in words:

count = 0

3 4

5 +

brokenSet = set(brokenLetters)

if not set(word) & brokenSet:

Expected Got Input hello world ad Welcome to REC Faculty Upskilling in Python Programming 2 Passed all tests! <

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■ Week7_MCQ

Data retention summary

PSPP/PUP

1,2 Passed all tests! < Marks for this submission: 1.00/1.00.

#if any(letter in word for letter in brokenLetters): 8 , #continue #else: 10 , 11 #count += 1 12 return count text = input().lower() 13 14 brokenLetters = input() print(countWords(text, brokenLetters))

Correct Marks for this submission: 1.00/1.00.

Jump to...

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Dictionary -

Finish review