

Question 1
Correct
Mark: 100 out of 100
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: $t = (5, 6, 5, 7, 8)$, $K = 13$

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 3	1
1, 2 8	0

Answer: (penalty regime: 0 %)

```
1 n = tuple(map(int, input().split()))
2 k = int(input())
3 y = set(n)
4 count = 0
5 for num in y:
6     a = k - num
7     if a in y and a != num:
8         count += 1
9 count //= 2
10 print(count)
```

Input	Expected	Got
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REC-PS

Example 1:

Input: s = "AA"

Output: ["AAAAAAAA", "AAAAAAAA"]

Example 2:

Input: s = "AAAAAAAAAA"

Output: ["AAAAAAAA"]

For example:

Input	Result
AA	AAAAAAAA CCCCAAAA

Answer: (penalty regime: 0 %)

```
1 s = input()
2 seen = set()
3 repeated = set()
4 for i in range(len(s) - 9):
5     sequence = s[i:i+10]
6     if sequence in seen:
7         repeated.add(sequence)
8     else:
9         seen.add(sequence)
10 a=sorted(repeated)
11 for i in a:
12     print(i)
13
14
15
16
17
18
19
```

	Input	Expected	Got	
✓	AA	AAAAAAAA CCCCAAAA	AAAAAAAA CCCCAAAA	✓
✓	AAAAAAAAAA	AAAAAAAA	AAAAAAAA	✓

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Sample Output
NO SUCH ELEMENTS

For example:

Input	Result
5 4 1 2 3 4 5 2 6 8 10	1 5 10 3

Answer: (penalty regime: 0 %)

```
1 size1, size2 = map(int, input().split())
2 array1 = list(map(int, input().split()))
3 array2 = list(map(int, input().split()))
4 set1 = set(array1)
5 set2 = set(array2)
6 a = (set1 - set2) | (set2 - set1)
7 b = sorted(a)
8 count = len(b)
9 print(b)
10 print(count)
11
12
```

	Input	Expected	Got	
✓	5 4 1 2 3 4 5 2 6 8 10	1 5 10 3	1 5 10 3	✓
✓	3 3 10 10 10 10 11 12	11 12 2	11 12 2	✓

Passed all tests! ✓

GitHub Dashboard

Week7_Coding: Attempt review

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REC-PS

Question 4

Correct

Mark: 1.00 out of 1.00

Flag question

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.

Example:

Input: str = "01010101010"

Output: Yes

Input: str = "REC101"

Output: No

For example:

Input	Result
01010101010	Yes
010101 10101	No

Answer: (penalty regime: 0 %)

```
1 x= input()
2 binary_set = {'0', '1'}
3 y = set(x)
4 if y.issubset(binary_set):
5     print("Yes")
6 else:
7     print("No")
8
9
```

Input	Expected	Got
✓ 01010101010	Yes	YES ✓
✓ REC123	No	NO ✓
✓ 010101 10101	No	No ✓

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REC-PS

Mark: 1.00 out of 1.00
Flag question

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

Example 2:
Input: nums = [2,1,3,4,2]
Output: 0

For example:

Input	Result
1 3 4 2 2	2

Answer: (penalty regime: 0 %)

```
1 x = list(map(int, input().split()))
2 seen = set()
3 for num in x:
4     if num in seen:
5         print(num)
6         seen.add(num)
7
8
9
```

	Input	Expected	Got
✓	1 3 4 2 2	2	2 ✓
✓	1 2 2 3 4 5 6 7	2	2 ✓

Passed all tests! ✓

GitHub Dashboard

Week7_Coding: Attempt review

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