Challenge 2: Check if Lists are Disjoint

Building upon the previous challenge, we will learn how to check if two lists are disjoint.

We'll cover the following

Problem Statement

You have to implement the `is_disjoint()` function which checks whether two given lists are disjoint or not. Two lists are disjoint if there are no common elements between them. The assumption is that there are no duplicate elements in each list.

Input

Two lists of integers.

Output

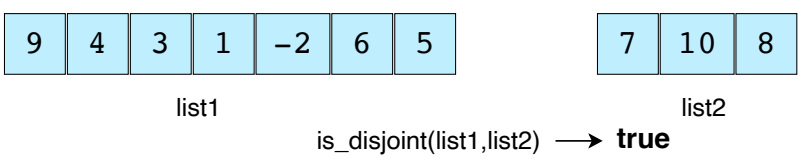
It returns `True` if the two are disjoint. Otherwise, it returns `False`.

Sample Input

```
list1 = [9,4,3,1,-2,6,5]
list2 = [7,10,8]
```

Sample Output

```
True
```



Coding Exercise

Take a close look and design a step-by-step algorithm first before jumping on to the implementation. This problem is designed for your practice, so try to solve it on your own first. If you get stuck, you can always refer to the solution review.

Good luck!

```
def is_disjoint(list1, list2):
    # Write your code here
    pass

```

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Mark as Completed