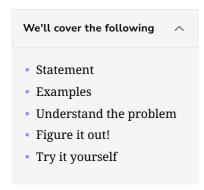
# Find K Pairs with Smallest Sums

Try to solve the Find K Pairs with Smallest Sums problem.



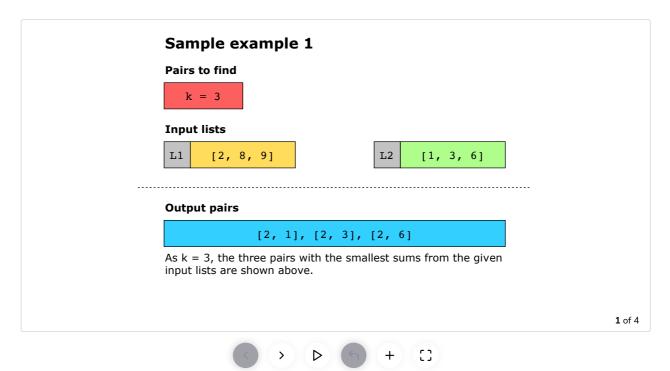
### **Statement**

Given two lists, and an integer k, find k pairs of numbers with the smallest sum so that in each pair, each list contributes one number to the pair.

#### **Constraints:**

- Input lists should be sorted in ascending order.
- If the value of k exceeds the total number of valid pairs that may be formed, return all the pairs.

## **Examples**

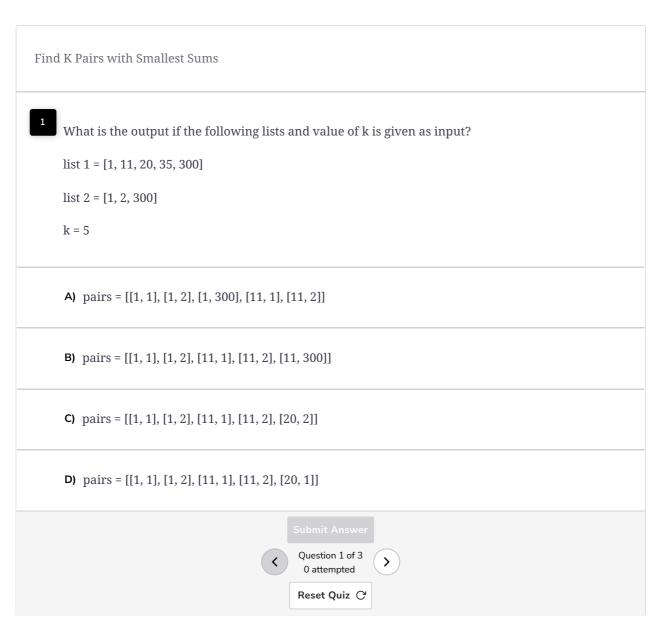


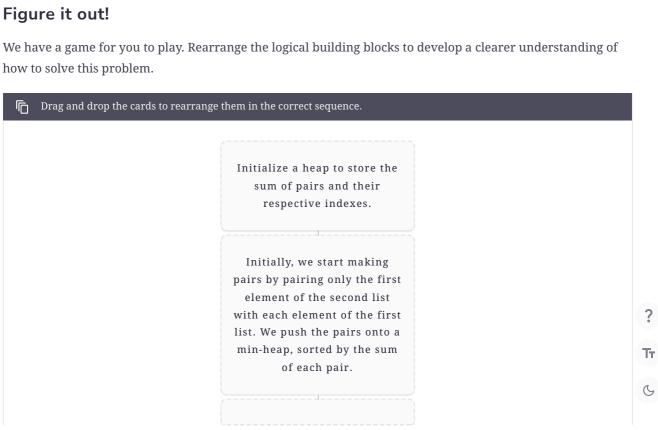
## Understand the problem

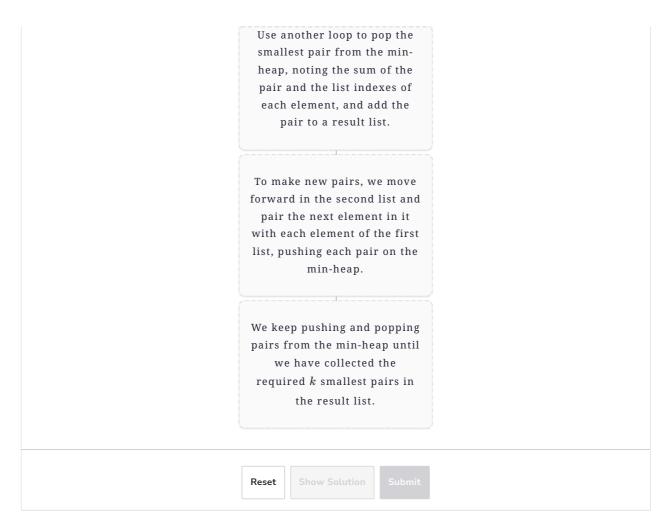
Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

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# Try it yourself

Implement your solution in the following coding playground:



### Find K Pairs with Smallest Sums



Solution: Kth Smallest...



Solution: Find K Pairs ...



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