Challenge 3: Find Two Numbers that Add up to "k"

Given a list and a number "k", find two numbers from the list that sum to "k".

We'll cover the following ⌃

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Problem Statement#

In this problem, you have to implement the `find_sum(lst,k)` function which will take a number `k` as input and return two numbers that add up to `k`.

Input#

A list and a number `k`

Output#

A list with two integers `a` and `b` that add up to `k`
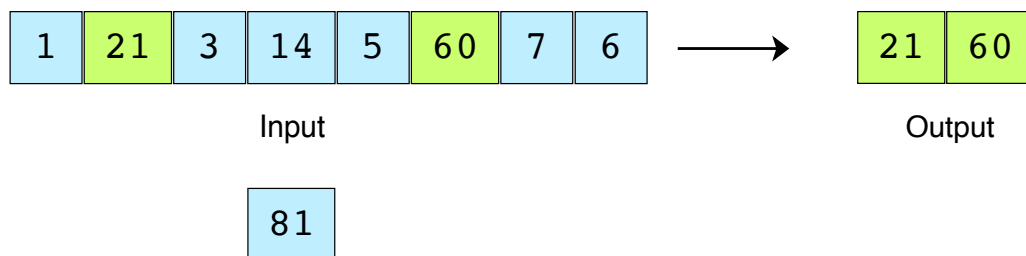
Sample Input#

```
lst = [1,21,3,14,5,60,7,6]
k = 81
```

Sample Output#

```
lst = [21,60]
```

For example, in this illustration, we are given **81** as the number `k` and when we traverse the whole list we find that **21** and **60** are the integers that add up to **81**.

find_sum(lst, 81)

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 provided in the solution section. Good Luck!

```python
def find_sum(lst, k):
    # Write your code here
```

```python
    result = []
    for i in range(len(lst)):
        result = []
        result.append(lst[i])
        secondNumber = k - lst[i]
        flag = 0
        for j in range(i,len(lst)):
            if secondNumber == lst[j]:
                result.append(lst[j])
                flag = 1
        if flag == 1:
            break
    return result
```

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