STOCK PAIR FINDER

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Details of project: I am Implementing this Project by Using Python Programming Language.

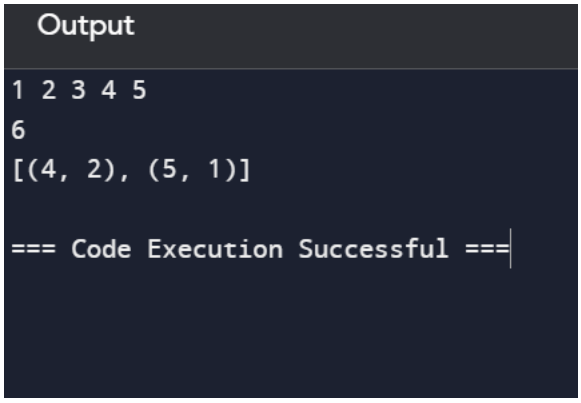
Code:

main.py

```python
def find_pairs(lst, target_sum):
    ele = set()
    output = []
    for num in lst:
        val = target_sum - num
        if val in ele:
            if num > val:
                output.append((num, val))
            else:
                output.append((val, num))
        ele.add(num)
    return output

l = list(map(int, input().split()))
sum_value = int(input())
print(find_pairs(l, sum_value))
```

Input and output:



Explanation:

In this project I have implemented by STOCK PAIR FINDER. This project is used by a Financial Analyst to identify pairs of stocks that have a total value equal to a specific target value. In this project should use user defined Function FIND_PAIRS_WITH_SUM to implement the task. This project should create a list and a target value and check its sum up to a specific target value or not by using Functions. In this project I use map function. Map is iterable, where we can use multiple conditions or values in a single line. This project is used to for loop. Append is used for add an item to the end of the list and it is built_function.

Conclusion:

Finally the above program should take the first line input as list values and in a second line should read a target value.

The output will print result of target inform of pairs.

For example, if the input list is 1 2 3 4 5

The sum number is 6

The output will be [(4,2),(5,1)]. These are sum of pairs of 6.

The output is form the pairing values.