

STOCK PAIR FINDER

DATE : 7TH June 2024

Submitted By :Pasam Tirupathi Swami, 22kq1a6340

Details of project : I am implementing STOCK PAIR FINDER project by using PYTHON PROGRAMMING language

Code:

```
li = list(map(int, input().split()))
sum = 6
ele = set()
output = []
for num in li:
    val = sum - num
    if val in ele:
        output.append((num, val))
    ele.add(num)
print(output)
```

Input and Output:

STDIN

1 2 3 4 5

Output:

[(4, 2), (5, 1)]

EXAMPLANATION:

We take list of elements. Then we assign sum=6 because we need the target 6. We assign ele = set() so that there cant be any duplicate values.

We output as empty list.then we use for loop to iterate, after we get the desired output we will print the output.

CONCLUSION : FINALLY I have got the desired output in the form of pairs.

