Stock Pair Analyzer

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Details of project: I'm implementing this project by using python programming language

Code:

```
stockpairanalyzer.py                    +

1  def count_unique_pairs(list):
2      count=0
3      for i in range(len(list)):
4          for j in range(i+1,len(list)):
5              count+=1
6      return count
7  list=list(map(int,input().split()))
8  total_pairs=count_unique_pairs(list)
9  print(count_unique_pairs(list))
```

Input and Output

```
STDIN

  1 2 3 4 5

Output:

10
```

Explanation:

In this program I have implemented project name Stock Pair Analyzer,in which I have to find pair of integers that can be formed from a given list. I have a function count_ unique_ pairs takes a list of integers as input.we have to remove duplicate pairs by checking condition by using for loop.The function will return total no of unique pairs as integer.

Conclusion:

Finally I have got the desired output 10.