Stock Pair Analyzer

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Submitted by: Lakkamraju Dharani [22kq1a0716]

Details of Project:I'm implementing this project by using Python Programming Language.

Code:

```python
main.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(total_pairs)
```

Input and output:

```
1 2 3 4 5
```

Output:

10

Explanation:

In this Program I have implemented project name which is nothing but Stock Pair Analyzer,in which i have to find the unique pairs of integers that can be formed from a given list .In this the program should have a function count_unique_pairs that takes a list of integers as input then we have to remove the duplicates pairs by checking condition by using for loop .we use the count=0 it can be read as unique pair of elements and count+=1 to increment value. should calculate the no .of unique pairs fromed from the list.Then the function will return the total no. of unique pairs as integer.

Conclusion:

Finally I have got the desired output 10.