

Stock Pair Analyzer

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

Code:

```
Stock Pairs Analyzer.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             if list[i] != list[j]:
6                 count += 1
7     return count
8 list=list(map(int,input().split()))
9 total_pairs=count_unique_pairs(list)
10 print(total_pairs)
```

Input and output:

```
STDIN
1 2 3 4 5
-----
Output:
10
```

Explanation:

In this program i have implemented project name which is nothing but stock edpairs analyzer,in count unique pairs using to defined into def function.in which take a list as input and return the function the variable count is taken is 0.it remove the duplicate values and list converted to set,after this input the number of unique pairs by iteration throught use elements and forming pairs.the total pairs using the print.

Conclusion:

Finally I have got the desried ouput is 10.