

Stock portfolio optimizer

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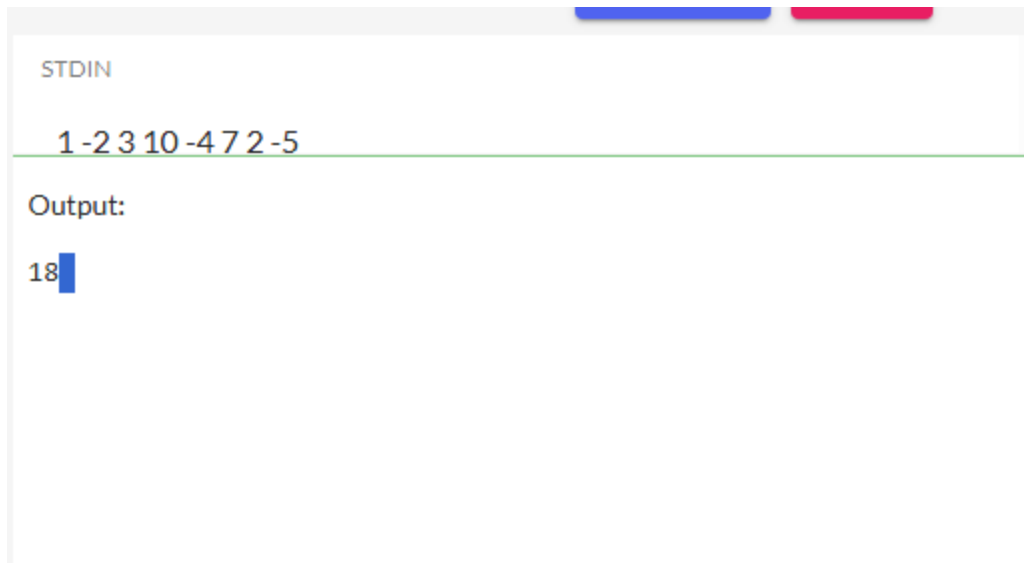
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Detalis of project: Im implementing this project by using python programming Language.

Code:

```
stock portfolio optimizer.py +
1 def max_subarray_sum(arr):
2     if not arr:
3         return 0
4     max_sum = float('-inf')
5     Sum = 0
6     for i in arr:
7         Sum = max(i,Sum+i)
8         max_sum = max(max_sum,Sum)
9     return max_sum
10 stock_prices=list(map(int,input().split()))
11 print(max_subarray_sum(stock_prices))
12
13
```

input&output:

A screenshot of a code editor window. At the top, there are two tabs, one blue and one red. Below the tabs, the text 'STDIN' is visible. Underneath, the input '1 -2 3 10 -4 7 2 -5' is entered. A horizontal line separates the input from the output section. Below the line, the text 'Output:' is displayed. Underneath that, the number '18' is shown, followed by a blue cursor bar.

```
STDIN
1 -2 3 10 -4 7 2 -5
Output:
18
```

Explanation:

In this program i have implemented project name which is nothing but stock protfolio optimizer.The provided code implements kadane`s Algorithm,which is used to find the maximum sum of sub array with in a one dimensional numeric array.However,there are some syntax and indentation errors.it is an input from user and displayed the output..

Conclusion:

Finally i have got the desired output Stock protfolio optimizer.