Stock Portfolio Optimizer

Date: 6th June 2024

Submitted by: Navya Sri . Vema

22kq1a0737

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

Code:

```python
stock.py                    +

1   n=list(map(int,input().split()))
2   max=float('-infinity')
3   sum=0
4   current=0
5   m=len(n)
6   for i in range(m):
7       sum=sum+n[i]
8       if sum<0:
9           sum=0
10          current=max
11      elif sum>max:
12          max=sum
13  print(max)
```

Input and Output:

Explanation:

In this Program I have implemented STOCK PORTFOLIO OPTIMIZER which is nothing but maximum sum subarray in kadane's algorithm in this we create this program by using logic is

max=-infinity

Sum=0

Sum<0 ….   By using these we complete our program , in which I have taken it as an input user and displayed the output.

Conclusion: Now Finally, I have got the desired output of my program as 18.