DEPARTMENT OF

COMPUTER SCIENCE & ENGINEERING

Experiment-8

Student Name: Kanishk Soni UID: 20BCS9398

Branch: BE-CSE Section/Group:20BCS_DM-708B

Semester: 6th Subject Name: Competitive Coding-II

Subject Code: 20CSP-351

AIM: To demonstrate the concept of Greedy.

Problem1: Best Time to Buy and Sell Stock II

https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/

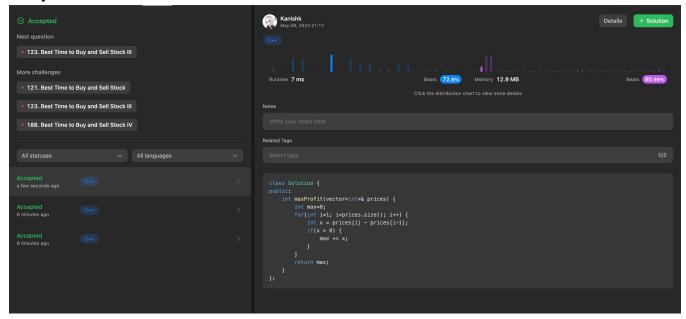
Program Code:

```
class Solution {
public:
    int maxProfit(vector<int>& prices) {
        int max=0;
        for(int i=1; i<prices.size(); i++) {
            int x = prices[i] - prices[i-1];
            if(x > 0) {
                max += x;
            }
        }
        return max;
    }
}
```

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Output:



Probem2: Assign Cookies

https://leetcode.com/problems/assign-cookies/

Program Code:

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};

Output:

