1. **动态规划：** 309. 买卖股票的最佳时机含冷冻期

```cpp
class Solution {
public:
    int maxProfit(vector<int>& prices) {
        int n = prices.size();
        vector<vector<int>> dp(n,vector<int>(3));
        dp[0][0] = -prices[0];
        for(int i = 1; i < n ;i++)
        {
            dp[i][0] = max(dp[i-1][0],dp[i-1][1]-prices[i]);
            dp[i][1] = max(dp[i-1][1],dp[i-1][2]);
            dp[i][2] = dp[i-1][0] + prices[i];
        }
        return max(max(dp[n-1][0],dp[n-1][1]),dp[n-1][2]);

    }
};
```

2. **贪心：** 游游的you

```cpp
#include <iostream>
using namespace std;

int main() {
    int n = 0;
    cin >> n;
    while(n--)
    {
        int y = 0;
        int o = 0;
        int u = 0;

        cin >> y >> o >> u;
        int count1 = min(min(y,o),u);
        int sum = count1 * 2;
        o -= count1;
        if(o > 0)
        {
            sum += o-1;
        }
        cout << sum << endl;
    }
}
```