牛客多校第九场

A

一道递归的签到题，用python写一行就够。

```
print(eval(input().replace("(", "**(")))
```

I

把一堆数字，重新排列拆成两个数要求成绩最小，分析后可以找到规律，按规律模拟即可。

```
#include<bits/stdc++.h>
using namespace std;
#define _rep(i, a, n) for(int i = a; i < n; i++)
const int maxn = 100010;
int a[maxn], aa[maxn], res[maxn];
int main(){
    int t, tmp;
    cin >> t;
    while(t--){
        int cnt = 0;
        int n;
        cin >> n;
        _rep(i, 0, n){
            cin >> tmp;
            if(tmp == 0) cnt++;
            else{
                a[i - cnt] = tmp;
            }
        }
        sort(a, a + n - cnt);
        int top = n - 2;
        int bb = a[0];
        aa[n - 1] = 0;
        aa[top--] = a[1];
        _rep(i, 0, cnt) aa[top--] = 0;
        _rep(i, 2, n - cnt){
            aa[top--] =a[i];
        }
        _rep(i, 0, n){
            tmp = bb * aa[i] + res[i];
            if(tmp > 9){
                aa[i] = tmp % 10;
                res[i+1] += tmp / 10;
```

```
            }
            else aa[i] = tmp;
        }
        if(aa[n - 1] > 0) printf("%d", aa[n-1]);
        res[n-1] = 0;
        for(int i = n - 2; i >= 0; i--) printf("%d", aa[i]), res[i] = 0;
        cout << endl;
    }
}
```

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