HDU-4461 The Power of Xiangqi 签到题

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题意：要求计算两个和值比较大小。注意没有马或者是炮的时候能量减1，且能量不能小于1。

代码如下：

```cpp
#include <cstdlib>
#include <cstdio>
#include <cstring>
#include <algorithm>
#include <iostream>
using namespace std;

int table[10] = {16, 7, 8, 1, 1, 2, 3};

int main() {
    int T;
    scanf("%d", &T);
    while (T--) {
        int x, y, sa = 0, sb = 0;
        char str[5];
        int m = 0, p = 0;
        scanf("%d", &x);
        for (int i = 0; i < x; ++i) {
            scanf("%s", str);
            sa += table[str[0]-'A'];
            if (str[0]-'A' == 1) m = 1;
            if (str[0]-'A' == 2) p = 1;
        }
        if (!m || !p) sa = max(1, sa - 1);
        m = p = 0;
        scanf("%d", &y);
        for (int i = 0; i < y; ++i) {
            scanf("%s", str);
            sb += table[str[0]-'A'];
            if (str[0]-'A' == 1) m = 1;
            if (str[0]-'A' == 2) p = 1;
        }
        if (!m || !p) sb = max(1, sb - 1);
        if (sa == sb) {
            puts("tie");
        } else {
            puts(sa > sb ? "red" : "black");
        }
    }
    return 0;
}
```