

acm-template

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1 头文件

```
#include <iostream>
#include <cstdio>
#include <cstring>
#include <string>
#include <algorithm>
#include <queue>
#include <stack>
#include <vector>
#include <cmath>
#include <set>
#include <cstdlib>
#include <functional>
#include <climits>
#include <cctype>
#include <iomanip>
using namespace std;
typedef long long ll;
#define INF 0x3f3f3f3f
const int mod = 1e9+7 ;
#define clr(a,x) memset(a,x,sizeof(a))
#define cle(a,n) for(int i=1;i<=n;i++) a.clear();
const double eps = 1e-6;
int main()
{
    freopen("in.txt","r",stdin);
    freopen("out.txt","w",stdout);
    //舒服了
    return 0;
}
```

2 图论

2.1 并查集

```
int par[maxn];
int rank[maxn];

void init()
{
    for(int i = 1; i <= n; i++)
    {
        par[i] = i;
        rank[i] = 0;
    }
}

int find(int x)
{
    return x == par[x] ? x : find(par[x]);
}
```