### 自定义模板

#include <bits/stdc++.h>  
using namespace std;  
typedef long long ill;  
typedef usigned long long ull;  
#define bug printf("<------>\n");  
  
const int inf = 0x3f3f3f3f;  
//memset(arr, inf, sizeof(arr));  
const double pi = acos(-1.0);  
const double eps = 1e-6;  
const int dir[][2]={{0, 1}, {1, 0}, {0, -1}, {-1, 0}, {1, 1}, {1, -1}, {-1, 1}, {-1, -1}};  
  
Node() {}  
Node(int \_node1, double \_node2, char \_node3): node1(\_node1), node2(\_node2), node3(\_node3) {}  
<++>  
  
int main() {  
#ifndef ONLINE\_JUDGE  
 freopen("in.txt", "r", stdin);  
 freopen("out.txt", "w", stdout);  
#endif  
 //ios::sync\_with\_stdio(false);  
 //cin.tie(NULL), cout.tie(NULL);  
 solve();  
 return 0;  
}