1 文件头

```cpp
#include <bits/stdc++.h>
using namespace std;

#define zhzhwz
#ifdef zhzhwz
template <typename T>
void _debug(const char* format, T t)
{
    cerr << format << '=' << t << endl;
}

template <class First, class... Rest>
void _debug(const char* format, First first, Rest... rest)
{
    while (*format != ',') cerr << *format++;
    cerr << '=' << first << ",";
    _debug(format + 1, rest...);
}

template <typename T>
void _debugv(T* t, int num)
{
    cerr << "[ ";
    for (int i = 0; i < num; ++i) cerr << t[i] << ", ";
    cerr << "]";
}

template <class First, class... Rest>
void _debugv(First* first, int num, Rest... rest)
```

```
30 {
31     cerr << "[ " << endl;
32     for (int i = 0; i < num; ++i) {
33         _debugv(first[i], rest...);
34         cerr << ", " << endl;
35     }
36     cerr << "]";
37 }
38 
39 template <class... Value>
40 void _debuga(const char* format, Value... value)
41 {
42     cout << format << endl;
43     while (*format != ',') cerr << *format++;
44     while (*format++) {
45         cerr << "[0:";
46         while (*format && *format != ',') cerr << *
    format++;
47         cerr << "]";
48     }
49     cerr << "=";
50     _debugv(value...);
51     cerr << endl;
52 }
53 
54 template <typename T>
55 ostream& operator<<(ostream& os, const vector<T>& V)
56 {
57     os << "[ ";
58     for (const auto& vv : V) os << vv << ", ";
59     os << "]";
60     return os;
61 }
```

```
62
63 #define debug(...) _debug(#__VA_ARGS__, __VA_ARGS__)
64 #define debuga(...) _debuga(#__VA_ARGS__, __VA_ARGS__)
65 #else
66 #define debug
67 #define debuga
68 #endif
69
70 typedef long long ll;
71 typedef __int128 i128;
72 typedef pair<int, int> pii;
73 typedef pair<ll, ll> pll;
74 const int MOD = 998244353;
75
76 int main()
77 {
78     return 0;
79 }
```

Listing 1: **head.cpp**