

Mobius_Treap Team Notebook

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1 DosAndDonts

- Focus on the Problem, Not on the Leaderboard
- Review the code before submit. 2 min review << 20 min penalty
- Watch out for overflow,out-of-bound, i/j errors.
- `cmp(val,*it)` : upper_bound and `cmp(*it,val)` : lower_bound
- Stay Calm. Good Luck :)

2 Template

```
#include<bits/stdc++.h>
```

```
using namespace std;
```

```
typedef pair<int,int> II;  
typedef vector< II > VII;  
typedef vector<int> VI;  
typedef vector< VI > VVI;  
typedef long long int LL;
```

```
#define PB push_back  
#define MP make_pair  
#define F first  
#define S second  
#define SZ(a) (int)(a.size())  
#define ALL(a) a.begin(),a.end()  
#define SET(a,b) memset(a,b,sizeof(a))  
#define FOR(i, a, b) for (int i = (a); i < (b); ++i)  
#define REP(i, n) FOR(i, 0, n)  
  
#define si(n) scanf("%d",&n)  
#define dout(n) printf("%d\n",n)  
#define sll(n) scanf("%lld",&n)  
#define lldout(n) printf("%lld\n",n)  
#define fast_io ios_base::sync_with_stdio(false);cin.tie(NULL)  
  
#define TRACE  
  
#ifdef TRACE  
#define trace(...) __f(#__VA_ARGS__, __VA_ARGS__)  
template <typename Arg1>  
void __f(const char* name, Arg1&& arg1){  
    cerr << name << " : " << arg1 << std::endl;  
}template <typename Arg1, typename... Args>  
void __f(const char* names, Arg1&& arg1, Args&&... args){  
    const char* comma = strchr(names + 1,  
        ',' );cerr.write(names, comma - names) << " : " <<  
        arg1<<" | ";__f(comma+1, args...);  
}  
#else  
#define trace(...)  
#endif
```

```
//FILE *fin = freopen("in","r",stdin);  
//FILE *fout = freopen("out","w",stdout);
```

3 compilerSettings

- alias g++='g++ -g -O2 -std=gnu++11 -Wall'

4 vimSettings

- set nu autoindent hlsearch scrolloff=5 laststatus=2
- syntax on
- filetype plugin indent on
- autocmd BufNewFile *.cpp r ~/template.cpp | 1d
- set backspace=indent,eol,start
- set tabstop=2 softtabstop=2 shiftwidth=2 expandtab