Contest (1)

sol.cpp

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

#ifdef LOCAL
auto& operator<<(auto&, pair<auto, auto>);
auto operator<<(auto& o, auto x) -> decltype(x.end(), o) {
  o << '{';
  for (int i = 0; auto y : x) o << ", " + !i++ * 2 << y;
  return o << '}';
}
auto& operator<<(auto& o, pair<auto, auto> x) {
  return o << '(' << x.first << ", " << x.second << ')';
}
void __print(auto... x) { ((cerr << ' ' << x), ...) << endl; }
#define debug(x...) cerr << "[" #x "]:", __print(x)
#else
#define debug(...) 2137
#endif

int main() {
  ios_base::sync_with_stdio(0);
  cin.tie(0);
}
```

.vimrc

```
set nu et ts=2 sw=2
filetype indent on
syntax on
colorscheme habamax
hi MatchParen ctermfg=66 ctermbg=234 cterm=underline
nnoremap ; :
nnoremap : ;
inoremap {<cr> {<cr>}<esc>O <bs>
```

Makefile

```
CXXFLAGS=-std=c++20 -Wall -Wextra -Wshadow
sol: sol.cpp
  g++ $(CXXFLAGS) -fsanitize=address,undefined -g -DLOCAL \
      sol.cpp -o sol
fast: sol.cpp
  g++ $(CXXFLAGS) -O2 sol.cpp -o fast
```

test.sh

```bash
#!/bin/bash
for((i=1;i>0;i++)) do
  echo "$i"
  echo "$i" | ./gen > int
  diff -w <(./sol < int) <(./slow < int) || break
done
```

hash.sh

```bash
#!/bin/bash
cpp -dD -P -fpreprocessed | tr -d '[:space:]'| md5sum |cut -c-6
```

.bashrc

```bash
alias rm='trash'
alias mv='mv -i'
alias cp='cp -i'
```