

# Pontificia Universidad Católica del Perú - FCI

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## 1 Header Template

```
#include <bits/stdc++.h>
#include <sstream>
using namespace std;
#define fastio ios_base::sync_with_stdio(0);cin.tie(0);
#define trace(x) cerr << #x << ": " << x << '\n'
#define trace2(x,y) cerr << #x << ": " << x << " | " << #y << ": " << y << '\n';
#define trace3(x,y,z) cerr << #x << ": " << x << " | " << #y << ": " << y << " | " << #z << ": " << z << '\n';
#define all(v) (v).begin(),(v).end()
#define pb push_back
#define sz(v) ((int)v.size())
#define REP(i,x,y) for(int (i)=(x);(i)<(y);(i)++)
#define RREP(i,x,y) for(int (i)=(x);(i)>=(y);(i)--)
#define mp make_pair
#define fst first
#define snd second
typedef long long ll;
typedef pair<ll, ll> ii;
```

```
const int MOD = 1e9 + 7;
const int oo = 1e9;
const ll INF = 1e18;
const long double EPS = 1e-11;
```

## 2 Makefile

```
CXX = g++
CXXFLAGS = -std=c++11 -Wall -Wextra -Wno-sign-compare -O2 -g

all: %
%: %.cpp
    $(CXX) $(CXXFLAGS) -o $@ $@.cpp
```

## 3 Stack Size

```
#include <sys/resource.h>

int main (int argc, char **argv){
    const rlim_t kStackSize = 64L * 1024L * 1024L; // min stack size = 64
        Mb
    struct rlimit rl;
    int result;

    result = getrlimit(RLIMIT_STACK, &rl);
    if (result == 0)
    {
        if (rl.rlim_cur < kStackSize)
```

```
{
    rl.rlim_cur = kStackSize;
    result = setrlimit(RLIMIT_STACK, &rl);
    if (result != 0)
    {
        fprintf(stderr, "setrlimit returned result = %d\n", result)
        ;
    }
}

// ...

return 0;
}
```

---

## 4 Vim Configuration (vimrc)

---

```
set number
set autoindent
set showmode
set backspace=indent,eol,start
set mouse=a
set ts=3
set shiftwidth=3
set pastetoggle=<F10>
colorscheme chroma
syntax on

nmap ,c <Esc>i<Home>//<Esc>
nmap ,d <Esc><Home>i<Del><Del><Esc>
```

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