#include <iostream>

using namespace std;

static void verify\_failed(const char\* file,int line, const char\* expr){

cout <<"verify failed at "<<file<<":"<<line<<": "<<expr<<endl;

}

#define verify(x) if(x){}else verify\_failed(\_\_FILE\_\_, \_\_LINE\_\_, #x)

int main(){

int m, n;

cin >> m >> n;

for(int i = 0, x; i < n; ++i){

cin >> x;

cout << x << endl;

#line 987654321 "unknown.cpp"

verify(x < m);

}

}