// Example program

#include <cstdlib>

#include <ctime>

#include <iostream>

#include <string>

using namespace std;

int main()

{

unsigned seed;

seed = time(0);

srand(seed);

int randomNumber = rand() % 100 + 1;

int userGuess;

int count = 0;

do

{

count++;

cout << "What's your guess? ";

cin >> userGuess;

cin.ignore(1000,10);

if (userGuess > randomNumber)

{

cout << "Too high, try again" << endl;

}

else if (userGuess < randomNumber)

{

cout << "Too low, try again" << endl;

}

else

{

cout << "Congratulations! You figured out my number in " << count << " tries" << endl;

}

} while (userGuess != randomNumber);

}