#include <stdio.h>

#include <stdlib.h>

#include <time.h>

**int** main()

{

**int** random\_genNo=0,count=0,num;

**int** stime;

**long** ltime;

//initialise srand with current time, to get random number on every run

ltime = time(NULL);

stime = (**unsigned**) ltime/2;

srand(stime);

//generate random number

random\_genNo=rand()%1000;

//run infinite loop

**while**(1)

{

//increase counter

count+=1;

//read number from user

printf("\n\nGuess a number from (0 to 1000): ");

scanf("%d",&num);

//compare entered number with generated number

**if**(random\_genNo==num){

printf("Congratulations, you have guessed a correct number.");

**break**;

}

**else** **if**(random\_genNo<num){

printf("Generated number is less than entered number, try your luck again...");

}

**else** **if**(random\_genNo>num){

printf("Generated number is greater than entered number, try your luck again...");

}

**if**(count==7){

printf("\n\n### Maximum limit of atttempt finished, BAD LUCK !!!\n");

**break**;

}

}

**return** 0;

}