#include <stdio.h>

#include<time.h>

#include<stdlib.h>

int main() {

char name[100];

printf("enter your name : ");

scanf("%s",& name);

int number,guess, attempts=1;

srand(time(0));

number = rand()%100+1; // number between 1 to 100

//printf("the number is %d\n", number);

printf(" best of luck %s ! \n",name);

do{

printf("enter a number between 1 to 100 :");

scanf("%d",&guess);

if(guess>number){

printf("enter a smaller number please!\n");

}

else if(guess<number){

printf("enter a greater number please!\n");

}

else{

printf("You guessed it correct in %d attempts\n",attempts);

}

attempts++;

}while(number!= guess);

printf("thanks for playing this game %s", name);

return 0;

}