**1.**

(1) 0

(2) 1

(3) 1

(4) 1

(5) 0

**2.**

(1) 1

(2) 0

(3) 1

(4) 1

(5) 1

(6) 0

**3.**

(1) (x%2==0)&&(y%2!=0)

(2) (a%2)==(b%2)

(3) (a\*b==0)&&a!=b

(4) (x>10.0)&&(x<100.0)||(x<0)&&(x!=-2.0)

(5) exp(-x\*x/2.0)/sqrt(2\*3.141592)

(6) (x\*x+y\*y>=r1\*r1)&&(x\*x+y\*y<=r2\*r2)

(7) (m%5==0)||(m%7==0)&&(m%35!=0)

(8) (m%p==0)&&(n%p==0)&&(m%q!=0)&&(n%q!=0)

(9) (x\*y+(x+y)/(4\*a))/2

(10) (sin(x\*x+y\*y)\*cos(x+y))/3

**4.**

d=7,e=4

**5.**

Z1=42

Z2=41

**8.**

b=13,c=11,d=18

**9.**

b=13,c=20,d=18

b=13,c=20,d=27

**12.**

#include<stdio.h>

main()

{

double r, h, s, ssum, v;

printf("input r and h:");

scanf("%lf %lf", &r, &h);

s = (2 \* 3.1415926 \* r) \* h;

ssum = s + (3.1415926 \* r \* r) \* 2;

v = (3.1415926 \* r \* r) \* h;

printf("侧面积s=%.4lf\n总面积ssum=%.4lf\n体积v=%.4lf\n", s, ssum, v);

}

**12.**

#include<stdio.h>

main()

{

int n, n1, a0, a1, a2, a3, a4, a5, a6, a7;

printf("input number:");

scanf("%d",&n);

n1 = n;

a0 = n % 2;

n = n / 2; a1 = n % 2;

n = n / 2; a2 = n % 2;

n = n / 2; a3 = n % 2;

n = n / 2; a4 = n % 2;

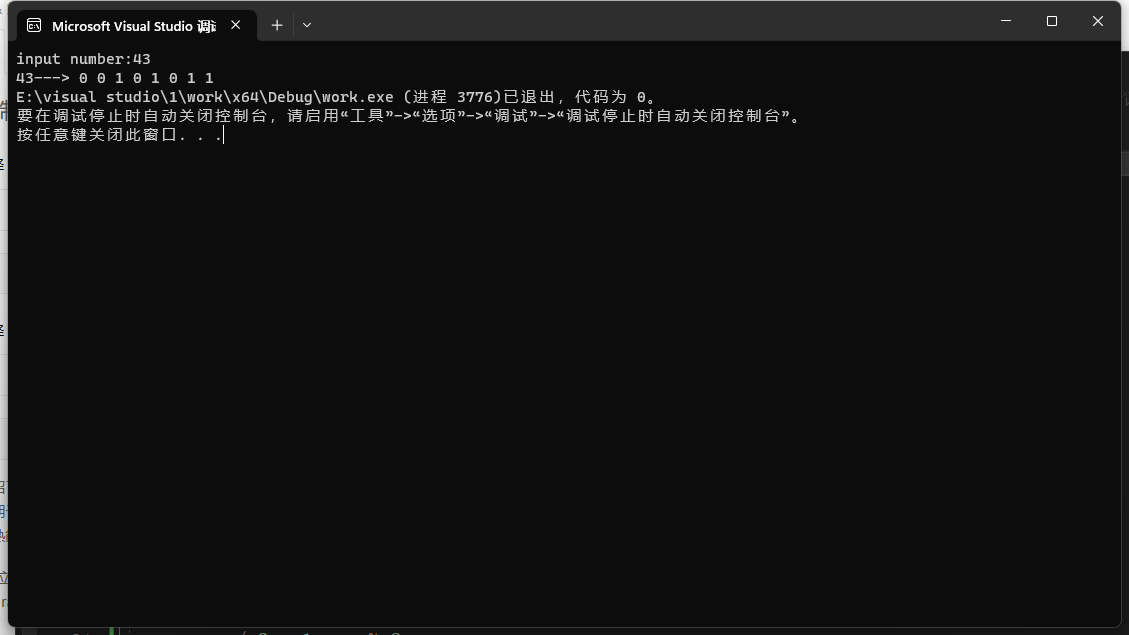
n = n / 2; a5 = n % 2;

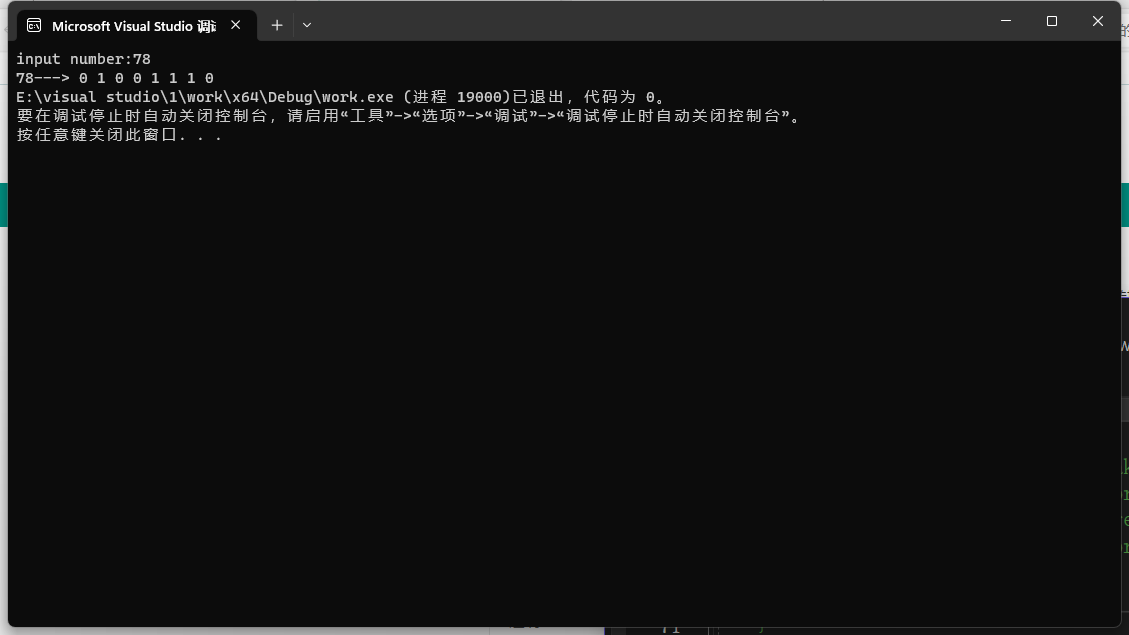
n = n / 2; a6 = n % 2;

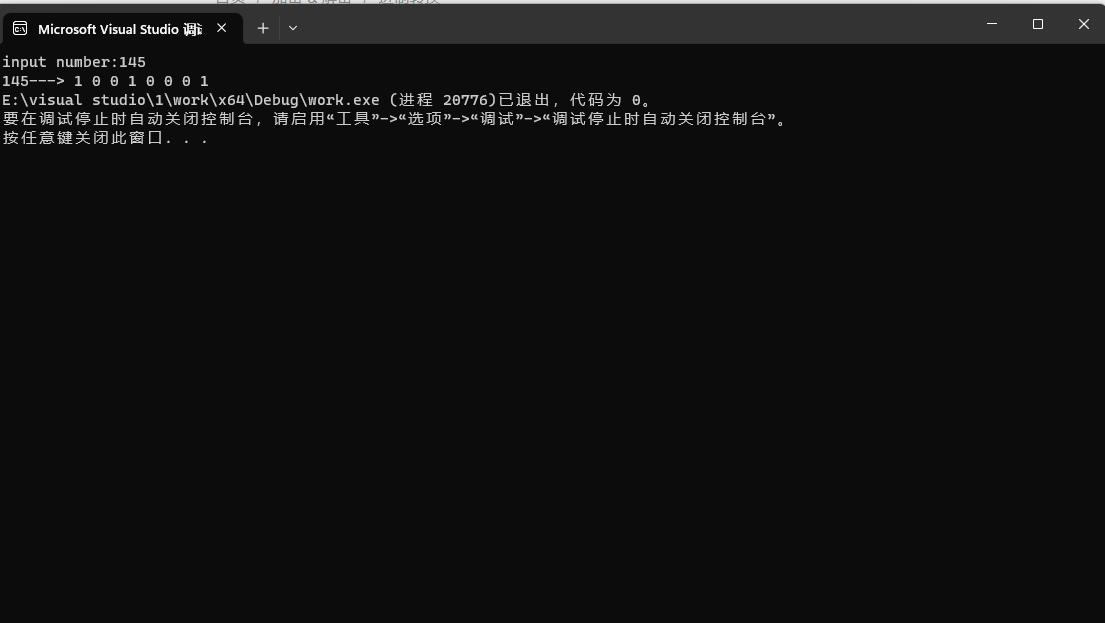
n = n / 2; a7 = n % 2;

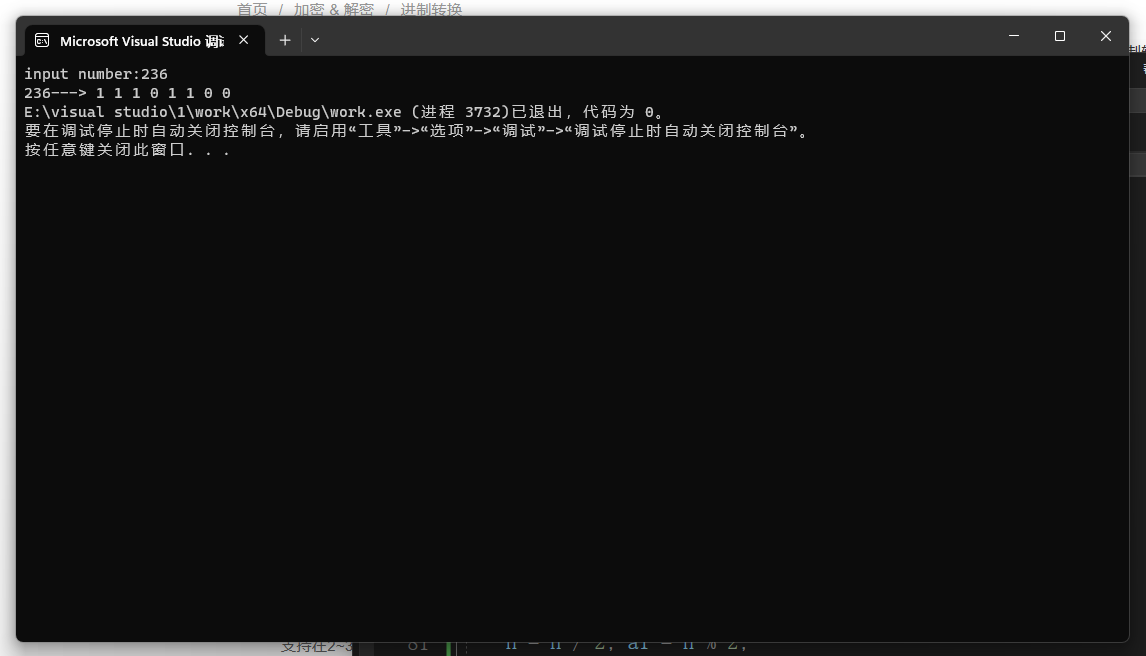
printf("%d--->%2d%2d%2d%2d%2d%2d%2d%2d",n1,a7, a6, a5, a4, a3, a2, a1,a0 );

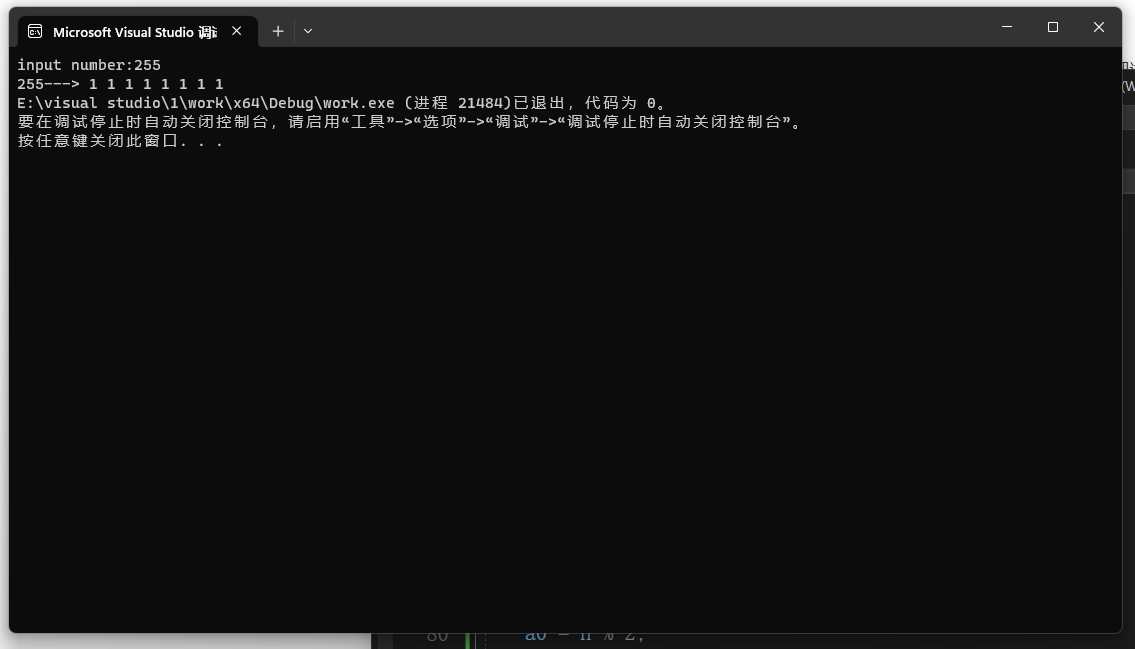
}



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