### 一、调试题

1．

#include "stdio.h" //文件包含命令中可用<>，也可以用””

main()

{

int x=2;

int y=3;

int a;

a=x\*y;

printf("a=%d",a);

printf("\n");

}

2．

#include "stdio.h"

main()

{

char x,y,z;

x='a';

y='\t'; //请阅读书上19页表1-1

z='b';

printf("第1行为：%c%c%c\n",x,y,z);

printf("第2行为：%c%c%c%c\n",x,y,y,z);

}

3．

#include <stdio.h>;

main()

{

float r,area;

r=5.0;

area=3.14159\*r\*r;

printf("area=%f\n",area);

}

### 二、程序填空题

1.

#include "stdio.h"

main ()

{

char c1,c2;

c1=97;

c2=98;

printf("\t%c %b",c1,c2);

}

2.

#include "stdio.h"

main ()

{

int a,b,c,temp;

printf("Please input a,b,c: ");

scanf("%d%d%d",&a,&b,&c);

temp = a;

a=c;

c=b;

b=temp;

printf("a=%d b=%d c=%d\n",a,b,c);

}

### 三、编写程序

1.

#include "stdio.h"

main ()

{

int a=4,b=2;

printf("\n\n\t我的第一个程序\n\n\n\t程序功能计算长为%dcm宽为%dcm的长方形面积，\n\n\t计算结果：%d平方厘米",a,b,a\*b);

}

2.

#include "stdio.h"

main ()

{

double ad = 4.6,bc=7.6,dc=5.6;

printf("\tS=%lf",(ad+bc)\*dc/2);

}

3.

#include "stdio.h"

main ()

{

double fahrenheit,celsius ;

printf("输入华氏温度：");

scanf("%lf", &fahrenheit);

printf("%.2lfF = %.2lfC", fahrenheit, (fahrenheit - 32)\*5/9);

}

4.

#include "stdio.h"

#include "math.h"

main ()

{

double a,b,c,d,x1,x2;

printf("输入a,b,c\n>>>");

scanf("%lf%lf%lf", &a,&b,&c);

printf("\ta=%.2lf, b=%.2lf, c=%.2lf\n", a,b,c);

d = b\*b - 4\*a\*c;

if(d>0)

{

d=sqrt(d);

x1= (-b+d)/a/2;

x2= (-b-d)/a/2;

printf("\n\tx1=%.2lf\n\tx2=%.2lf",x1,x2);

}

else

{

printf("输入有误");

}

}

5.

#include "stdio.h"

#include "math.h"

main ()

{

int a, mod, i, mul = 1000,sum = 0;

printf("输入一个四位整数");

scanf("%d", &a);

for(i = 0; i<4; i++)

{

sum += a/mul;

a = a%mul;

mul /= 10;

}

printf("\n%d", sum);

}