

作业 1

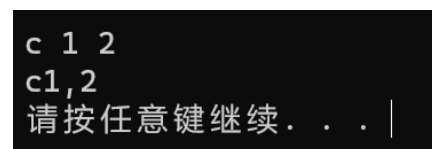
必做题

第二题

源代码:

```
#include <stdio.h>
#include <stdlib.h>
main()
{
    int a,b;
    char c;
    c=getchar();
    scanf_s("%d%d",&a,&b);
    putchar(c);
    printf("%d,%d\n",a,b);
    system("pause");
}
```

正确运行结果截图之一:



报错信息汇总:

1. include未打#

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(1): error C2143: 语法错误 : 缺少“{” (在“<”的前面)

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(1): error C2059: 语法错误: “<”

1>c:\program files (x86)\microsoft visual studio 11.0\vc\include\crtdefs.h(569): error C2081: “uintptr_t”: 形参表中的名称非法

1>c:\program files (x86)\microsoft visual studio 11.0\vc\include\crtdefs.h(576): error C2081: “uintptr_t”: 形参表中的名称非法

1>c:\program files (x86)\microsoft visual studio 11.0\vc\include\stdlib.h(228): error C2081: “uintptr_t”: 形参表中的名称非法

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): warning C4013: “getchar” 未定义; 假设外部返回 int

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): warning C4013: “scanf_s” 未定义; 假设外部返回 int

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(9): warning C4013: “putchar” 未定义; 假设外部返回 int

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): warning C4013: “printf” 未定义; 假设外部返回 int

2. include打错

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(1): fatal error C1021: 无效的预处理器命令“includ”

3. include忘记打<

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(1): error C2006: “#include”: 应输入文件名, 却找到“标识符”

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(1): fatal error C1083: 无法打开包括文件: “”: No such file or directory

4. include忘记打>

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(1): error C2013: 缺少“>”

5. 头文件名称错误

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(1): fatal error C1083: 无法打开包括文件: “stdo.h”: No such file or directory

6. main忘记打)

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(4): error C2143: 语法错误: 缺少“)” (在“{”的前面)

7. main忘记打 (

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(3): error C2059: 语法错误: “)”

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(4): error C2054: 在“main”之后应输入“(“

8. main打了全角 (

1> error.c

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(3): error C2059: 语法错误: “)”

1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(4): error C2054: 在“main(”之后应输入“(“

9. 主函数名称错误

1> error.c

1>MSVCR7D.lib(crtexe.obj) : error LNK2019: 无法解析的外部符号 _main, 该符号在函数

__tmainCRTStartup 中被引用

```
1>C:\Users\tanzhi chen\Desktop\ConsoleApplication1\Debug\ConsoleApplication1.exe : fatal
error LNK1120: 1 个无法解析的外部命令
```

10. 主函数未打 (

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(5): error
C2085: “a” : 不在形参表中
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(5): error
C2085: “b” : 不在形参表中
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(6): error
C2085: “c” : 不在形参表中
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
C2061: 语法错误: 标识符 “c”
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
C2143: 语法错误 : 缺少 “)” (在 “字符串” 的前面)
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
C2143: 语法错误 : 缺少 “{” (在 “字符串” 的前面)
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
C2059: 语法错误: “<未知>”
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
C2059: 语法错误: “)”
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
C2143: 语法错误 : 缺少 “)” (在 “字符串” 的前面)
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
C2143: 语法错误 : 缺少 “{” (在 “字符串” 的前面)
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
C2059: 语法错误: “<未知>”
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
C2059: 语法错误: “)”
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(11): error
C2143: 语法错误 : 缺少 “)” (在 “字符串” 的前面)
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(11): error
C2143: 语法错误 : 缺少 “{” (在 “字符串” 的前面)
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(11): error
C2059: 语法错误: “<未知>”
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(11): error
C2059: 语法错误: “)”
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(12): error
C2059: 语法错误: “}”
```

11. 主函数未打}

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(13): fatal
```

error C1075: 与左侧的大括号 “{” (位于 “c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(4)”) 匹配之前遇到文件结束

12. 漏打;

```
1> error.c
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(6): error
C2143: 语法错误 : 缺少 “;” (在 “类型” 的前面)
```

13. 打了全角的;

```
1> error.c
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(6): error
C2143: 语法错误 : 缺少 “;” (在 “类型” 的前面)
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
C2065: “b” : 未声明的标识符
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
C2065: “b” : 未声明的标识符
```

14. 变量类型输错

```
1> error.c
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(6): error
C2065: “chr” : 未声明的标识符
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(6): error
C2146: 语法错误: 缺少 “;” (在标识符 “c” 的前面)
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(6): error
C2065: “c” : 未声明的标识符
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
C2065: “c” : 未声明的标识符
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(9): error
C2065: “c” : 未声明的标识符
```

15. 前后变量名不对应

```
1> error.c
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
C2065: “a” : 未声明的标识符
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
C2065: “b” : 未声明的标识符
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
C2065: “a” : 未声明的标识符
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
C2065: “b” : 未声明的标识符
```

16. 变量名用了保留字

```
1> error.c
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(5): error
```

C2059: 语法错误: “类型”

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(8): error
```

C2065: “b”: 未声明的标识符

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(10): error
```

C2065: “b”: 未声明的标识符

17. 输入函数打错了

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): warning
```

C4013: “getcar” 未定义; 假设外部返回 int

```
1>error.obj : error LNK2019: 无法解析的外部符号 _getcar, 该符号在函数 _main 中被引用
```

```
1>C:\Users\tanzhi chen\Desktop\ConsoleApplication1\Debug\ConsoleApplication1.exe : fatal
```

error LNK1120: 1 个无法解析的外部命令

18. 函数漏打)

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
```

C2143: 语法错误 : 缺少 “)” (在 “;” 的前面)

19. 函数漏打 (

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
```

C2059: 语法错误: “)”

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): warning
```

C4047: “=” : “char” 与 “int (__cdecl *)(void)” 的间接级别不同

20. 函数用了全角 (

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
```

C2059: 语法错误: “)”

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
```

C2065: “getchar (” : 未声明的标识符

21. 函数用了全角)

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
```

C2065: “)” : 未声明的标识符

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): warning
```

C4087: “getchar” : 用 “void” 参数列表声明

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(7): error
```

C2143: 语法错误 : 缺少 “)” (在 “;” 的前面)

22. 输出函数打错了

```
1> error.c
```

```
1>c:\users\tanzhi chen\desktop\consoleapplication1\consoleapplication1\error.c(9): warning
C4013: "putchr" 未定义; 假设外部返回 int
1>error.obj : error LNK2019: 无法解析的外部符号 _putchr, 该符号在函数 _main 中被引用
1>C:\Users\Tanzhi Chen\Desktop\ConsoleApplication1\Debug\ConsoleApplication1.exe : fatal
error LNK1120: 1 个无法解析的外部命令
```

23. 输入格式说明没打%或者类型错误
不会报错, 但是输出奇怪

24. 输入声明变量没打&
弹窗:
Run-Time Check Failure #3 - The variable 'a' is being used without being initialized.

25. 输出声明变量多打了&
不会报错, 但是输出奇怪

26. system ("pause") 打错或不打
不会报错, 但是会闪退

27. 少include头文件
在其它代码正确时好像没有报错, 运行正常

选做题

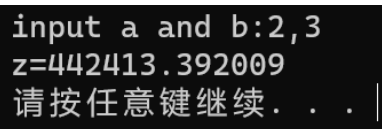
第一题 P61 练习 3.1

填空: stdio.h; math.h

源代码:

```
#include<stdio.h>
#include<math.h>
#include<stdlib.h>
int main() {
    double a, b, z; /*定义浮点数a, b, z*/
    printf("input a and b:"); /*显示输入要求*/
    scanf("%lf, %lf", &a, &b); /*输入a和b*/
    z = exp(a*a+b*b); /*z作为e的a*a+b*b次方*/
    printf("z=%f\n", z); /*输出z*/
    system("pause"); /*保持显示*/
}
```

运行结果截图之一:



```
input a and b:2,3
z=442413.392009
请按任意键继续. . . |
```

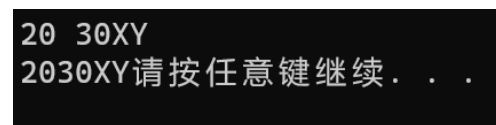
第二题 P61 练习 3.2

正确的输入格式： 20 30XY

源代码：

```
#include<stdio.h>
#include<stdlib.h>
int main() {
    int x,y;/*定义整数型变量x, y*/
    char c,d;/*定义字符变量c, d*/
    scanf("%d%d",&x,&y);/*输入整数x, y*/
    scanf("%c%c",&c,&d);/*输入字符c, d*/
    printf("%d%d%c%c",x,y,c,d);/*输出x, y, c, d以便检查*/
    system("pause");/*等待*/
}
```

运行结果截图之一：




```
20 30XY
2030XY请按任意键继续. . . |
```

第三题 P62 练习3.7

源代码：

```
#include<stdio.h>
#include<stdlib.h>
#include<math.h>
int main() {
    short x,y;/*定义变量x, y*/
    scanf("%c",&x);/*将小写字母转化为ASCII码存入x*/
    y=x-32;/*将小写字母的ASCII码x转化为对应大写字母的ASCII码y*/
    printf("%c",y);/*输出y的字母*/
    system("pause");/*等待*/
}
```

运行结果截图之一：



```
d
D请按任意键继续. . . |
```