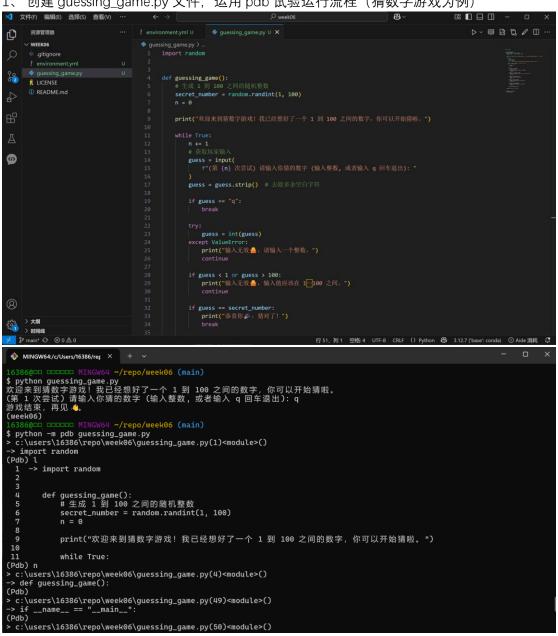
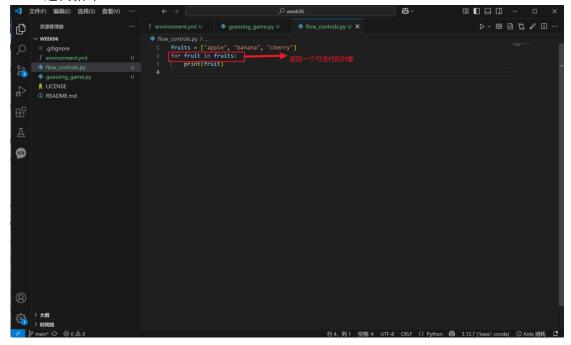
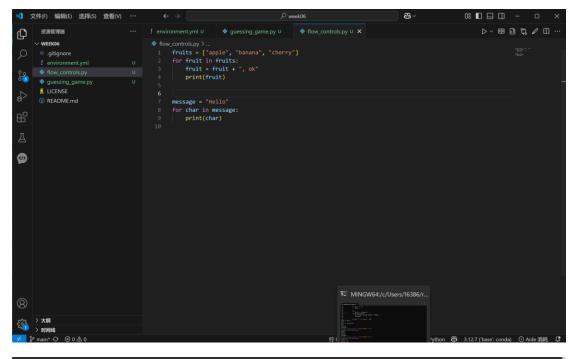
1、 创建 guessing\_game.py 文件, 运用 pdb 试验运行流程(猜数字游戏为例)

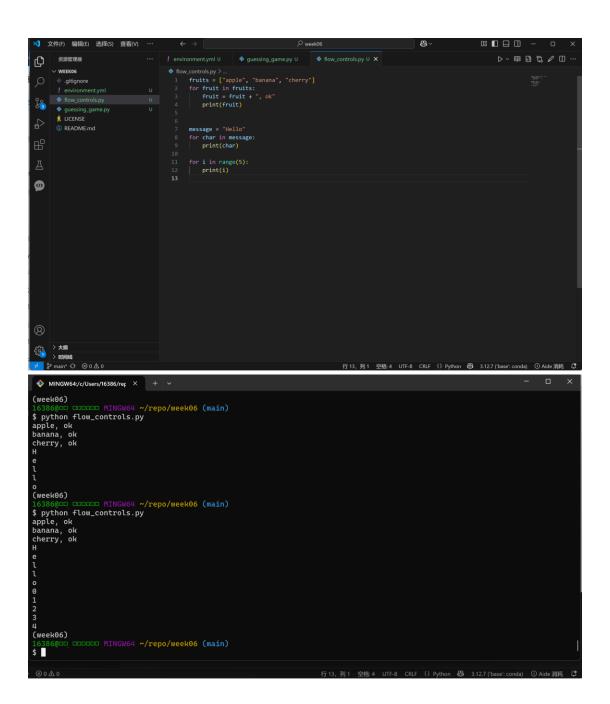


2、 创建 flow\_controls.py 文件, 让豆包生成例子, 理解以下语句

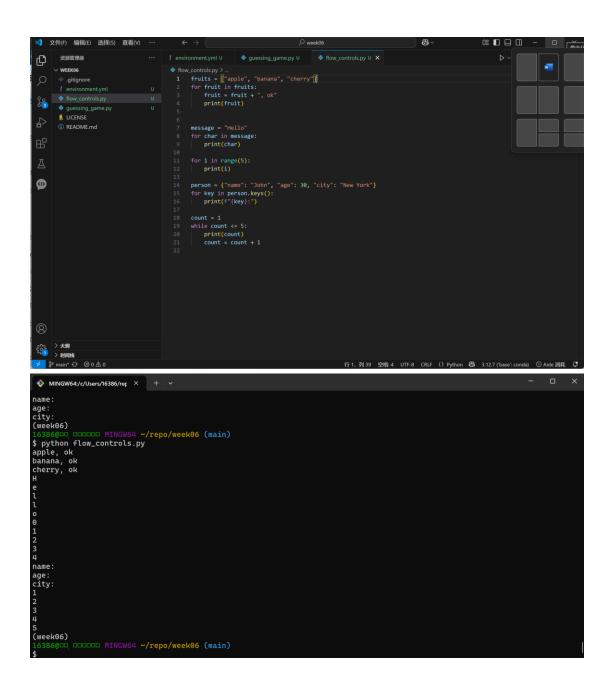
For: 迭代循环

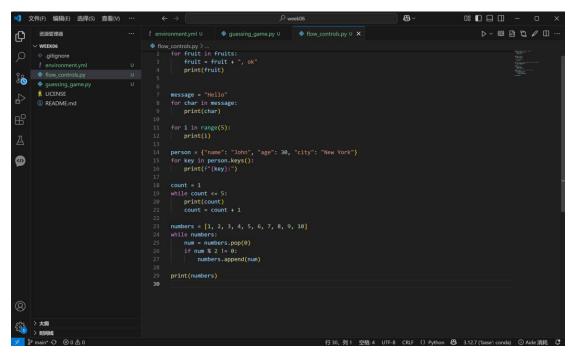




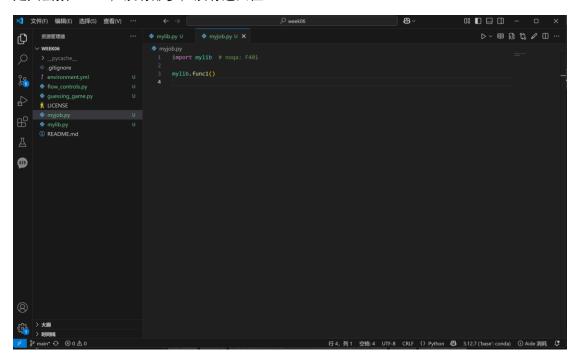


While:条件循环

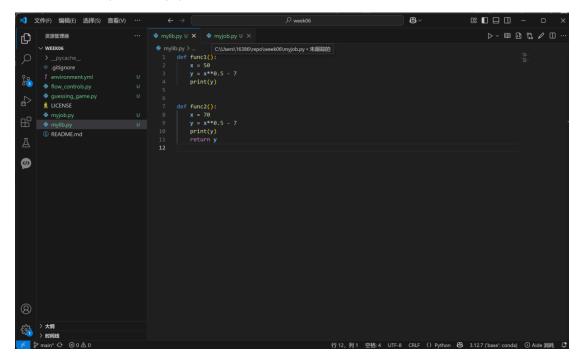


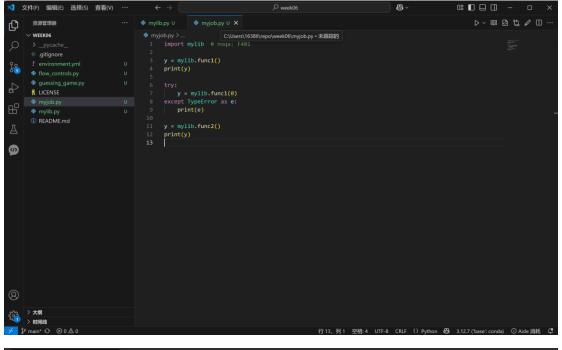


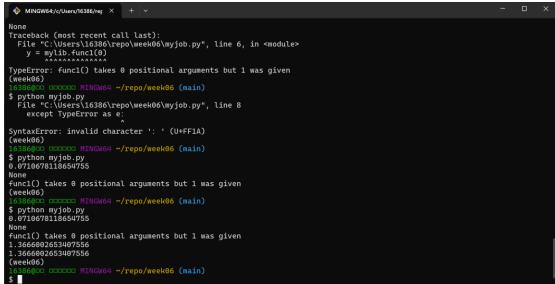
3、创建 mylib.py 模块,再创建 myjob.py 脚本,从 mylib.py 导入函数并尝试调用 定义函数 func1,没有形参,没有返回值



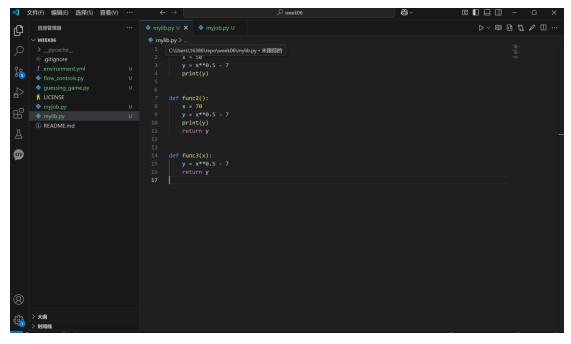
## 定义函数 func2, 没有形参, 有返回值

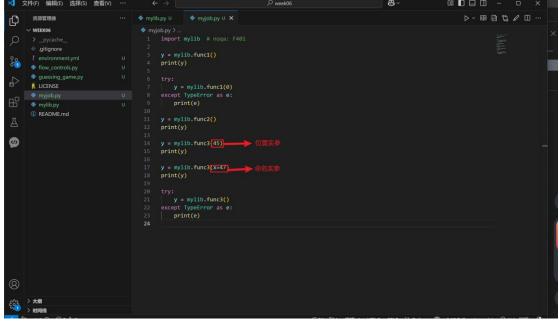




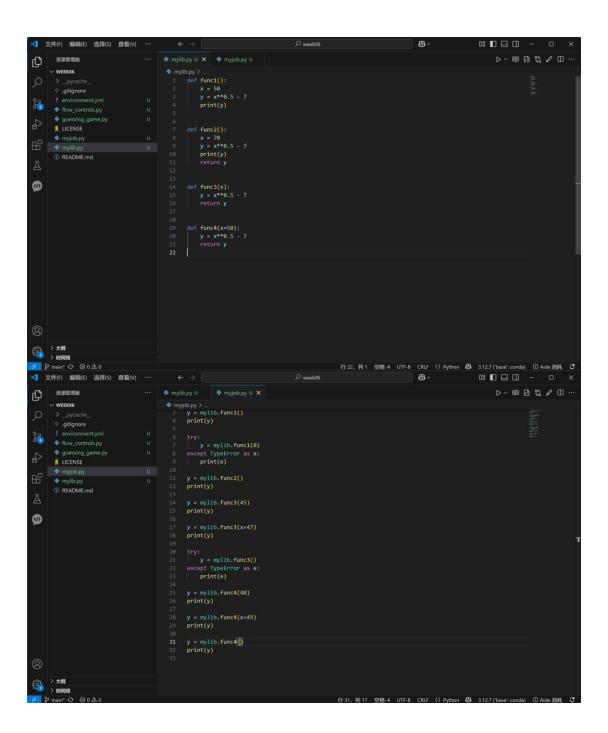


定义函数 func3, 只有一个位置形参, 先尝试传入位置实参调用, 再尝试传入命名实参调用, 再尝试不传实参(会报错)



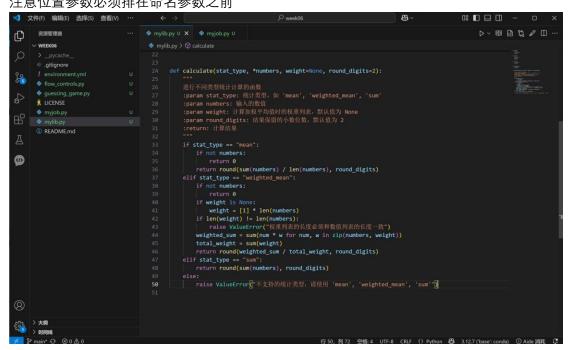


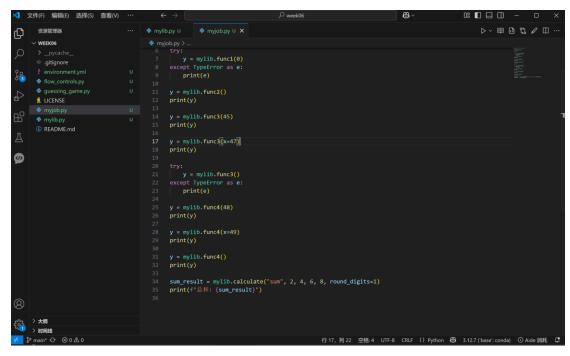
定义函数 func4, 只有一个命名形参, 先传入位置实参调用, 再传入命名实参调用, 再尝试不传实参 (取默认值)



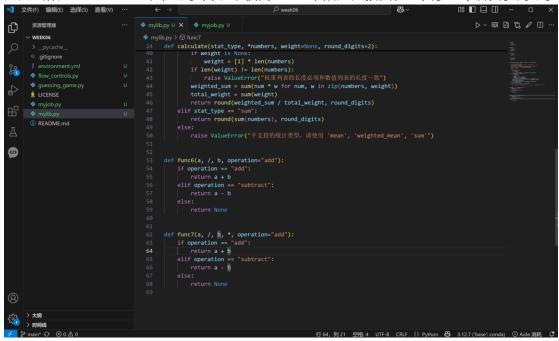
```
(week86)
163868000 D000000 MINGW64 ~/repo/week86 (main)
$ python myjob.py
0.8718678118654755
None
func1() takes 0 positional arguments but 1 was given
1.3666002653407556
-0.2917960675006306
-0.1443453995989561
func3() missing 1 required positional argument: 'x'
-0.07179676972449123
0.0
(week86)
16386800 D000000 MINGW64 ~/repo/week86 (main)
$ python myjob.py
0.8718654755
None
func1() takes 0 positional arguments but 1 was given
1.3666002653407556
-0.2917960675806306
-0.14434345395989561
func3() missing 1 required positional argument: 'x'
-0.0767972449123
0.0
0.0710678118654755
(week86)
16386800 D000000 MINGW64 ~/repo/week86 (main)
$ python myjob.py
0.0716678118654755
(week86)
16386800 D000000 MINGW64 ~/repo/week86 (main)
```

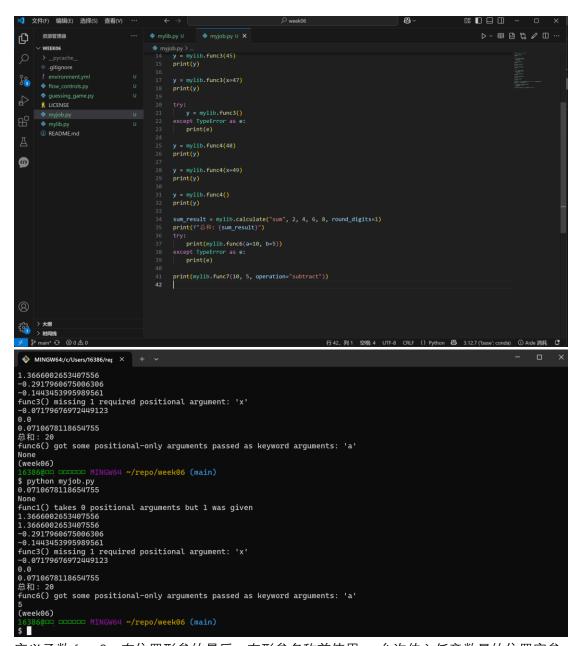
定义函数 func5, 接受多个位置形参和命名形参, 尝试以位置/命名各种不同方式传入实参, 注意位置参数必须排在命名参数之前



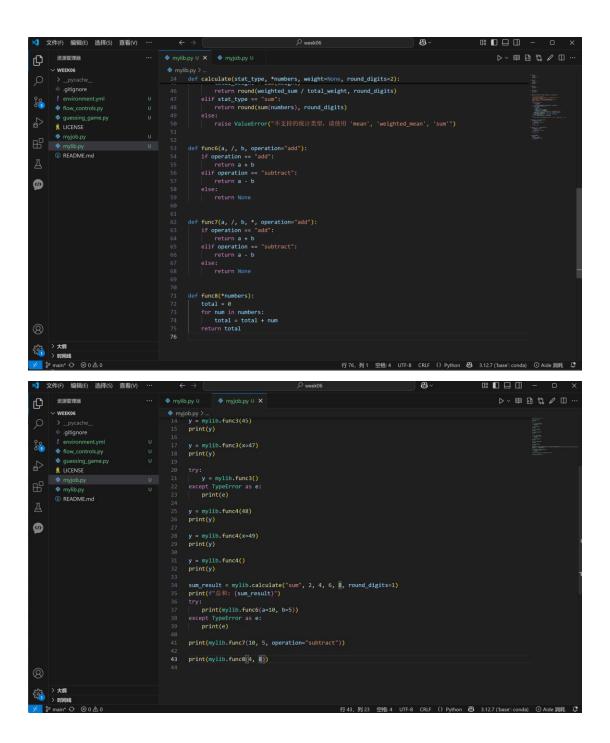


定义函数 func6 、func7, 在形参列表中使用 / 、\*来限定只接受位置实参、命名实参的形参



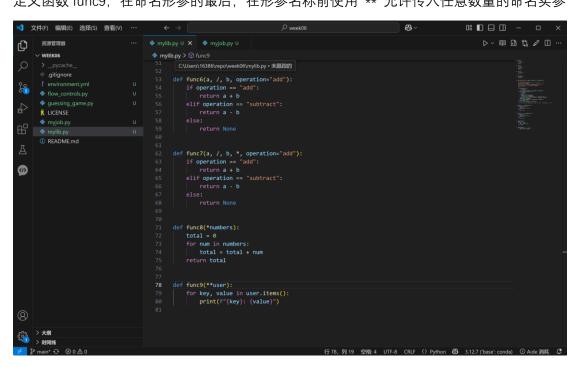


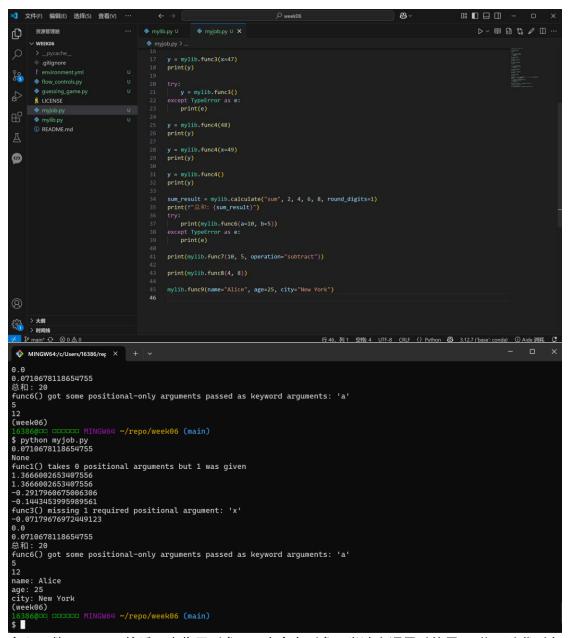
定义函数 func8, 在位置形参的最后, 在形参名称前使用 \* 允许传入任意数量的位置实参



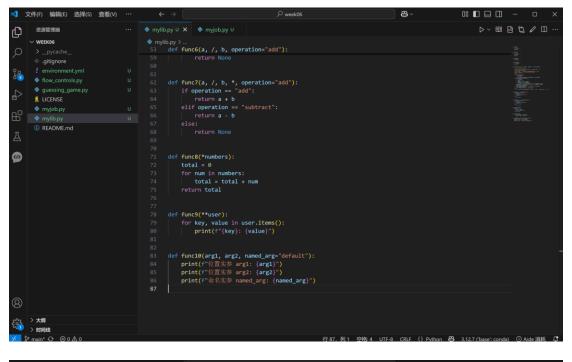
```
♦ MINGW64:/c/Users/16386/rep × + ∨
-0.2917960675006306
-0.1443453995989561
func3() missing 1 required positional argument: 'x'
-0.07179676972449123
0.0
0.0
0.0710678118654755
总和: 20
func6() got some positional-only arguments passed as keyword arguments: 'a'
(week06)
$ python myjob.py
0.0710678118654755
None
func1() takes 0 positional arguments but 1 was given
1.3666002653407556
1.3666002653407556
-0.2917960675006306
-0:1443453995989561
func3() missing 1 required positional argument: 'x'
-0.07179676972449123
0.0
0.0
0.0710678118654755
总和: 20
func6() got some positional-only arguments passed as keyword arguments: 'a'
(week06)
```

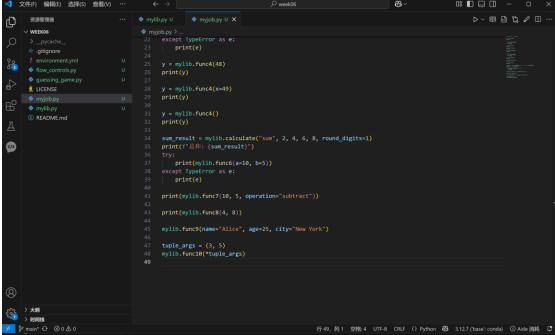
定义函数 func9,在命名形参的最后,在形参名称前使用 \*\* 允许传入任意数量的命名实参



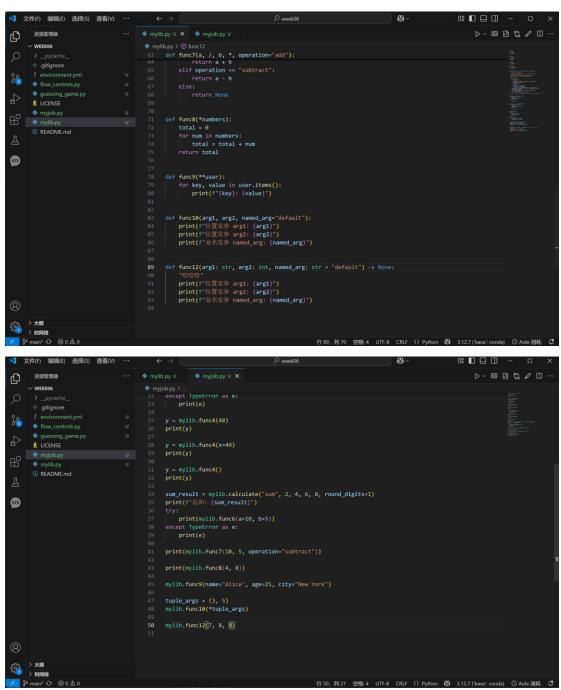


定义函数 func10, 接受两个位置形参, 一个命名形参, 尝试在调用时使用 \* 将可迭代对象自动解包, 按位置实参传入





定义函数 func12, 给函数添加内嵌文档, 给形参和返回值添加类型注解



4、把 mylib 模块转变为软件包安装进当前的 Conda 环境

