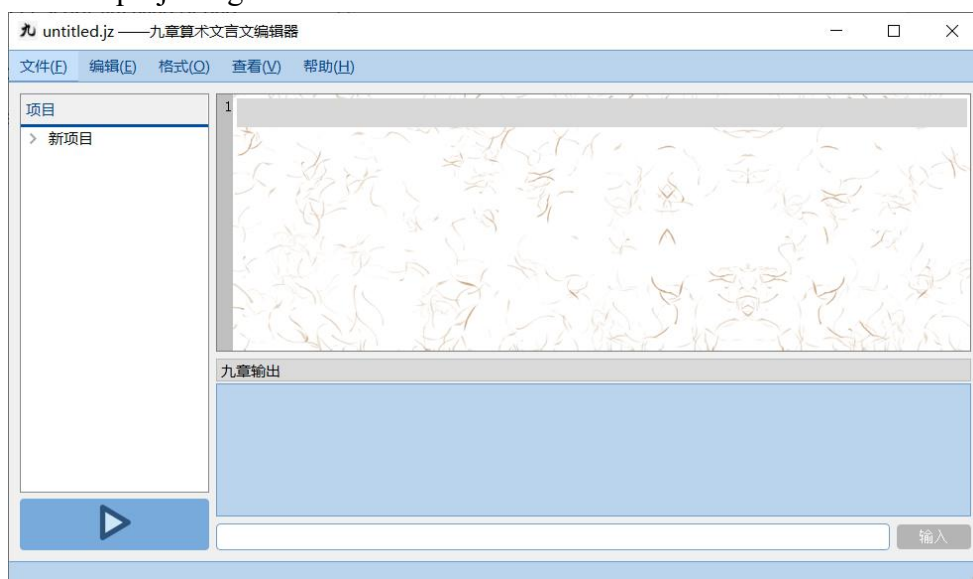**This Program is tested in the Windows 10 OS.**

1. Open Jiuzhang_source\JiuZhang.pro in the Qt Creator.
2. Choose the Debug mode. Run the project.

3. Close the GUI.
4. Copy the Jiuzhang_source\Resources folder and Jiuzhang_source\code folder into the build-JiuZhang-Desktop_Qt_5_12_6_MinGW_32_bit-Debug folder.
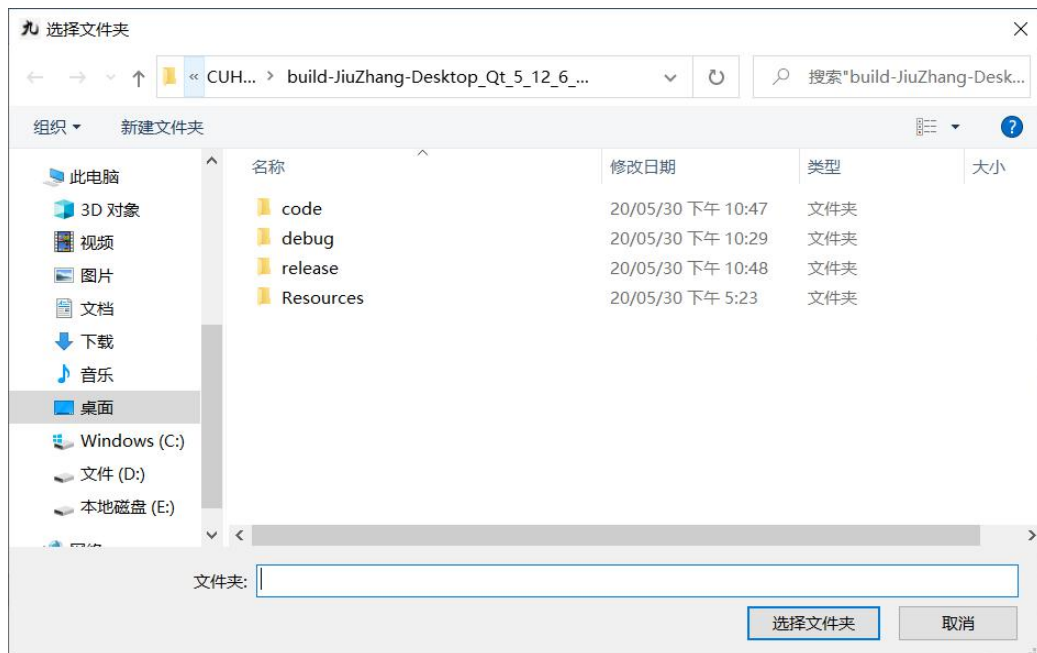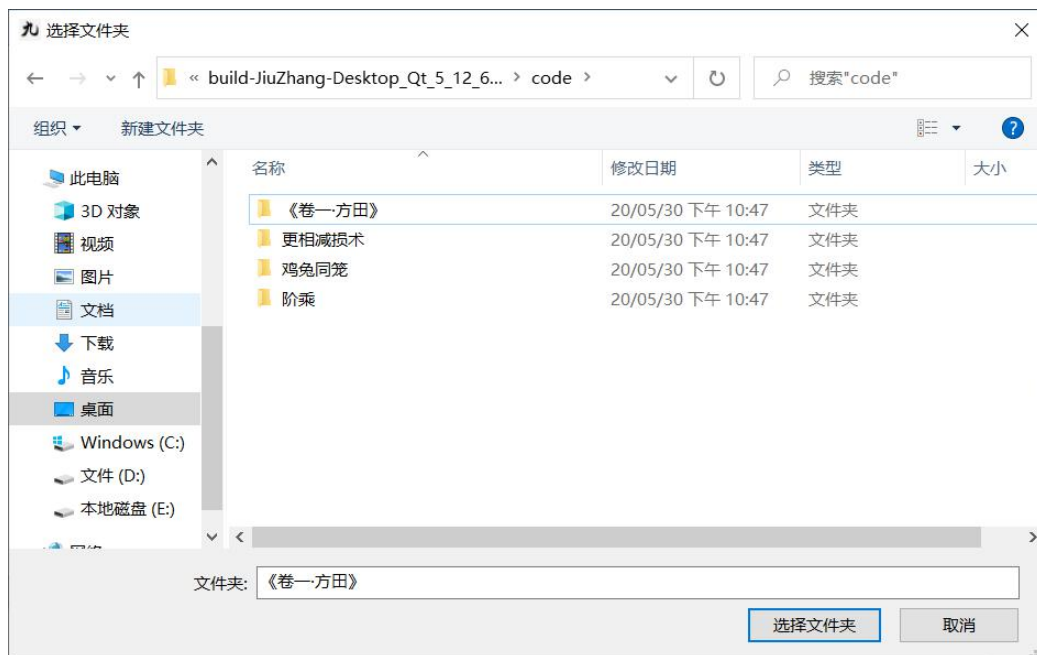

5. Run the project again.

Or you can just execute JiuZhang\JiuZhang.exe

6. Choose 文件->打开 in the menu bar.

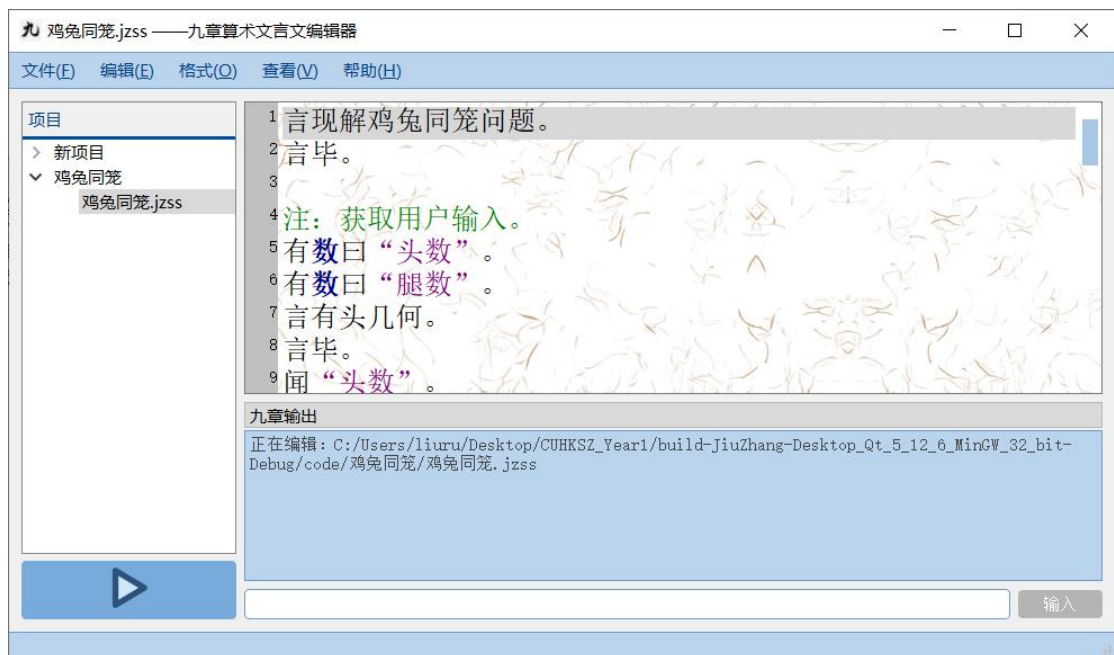

Get in the code folder.

Choose a folder to open the project. Take "鸡兔同笼" as an example here.

7. Double Click the project name to see the code.

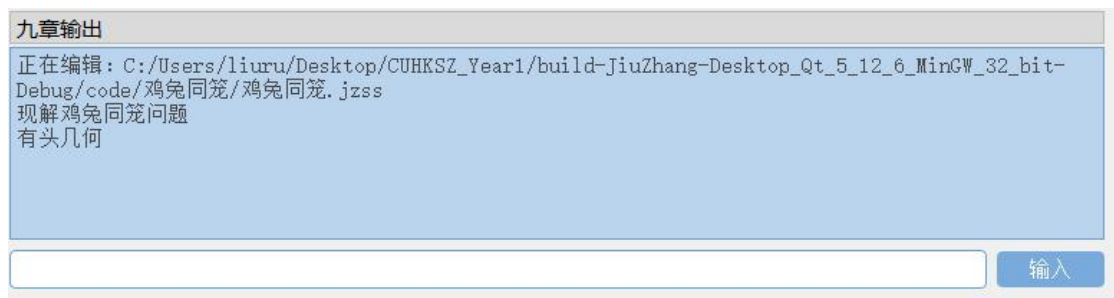Double Click the 鸡兔同笼 .jzss.

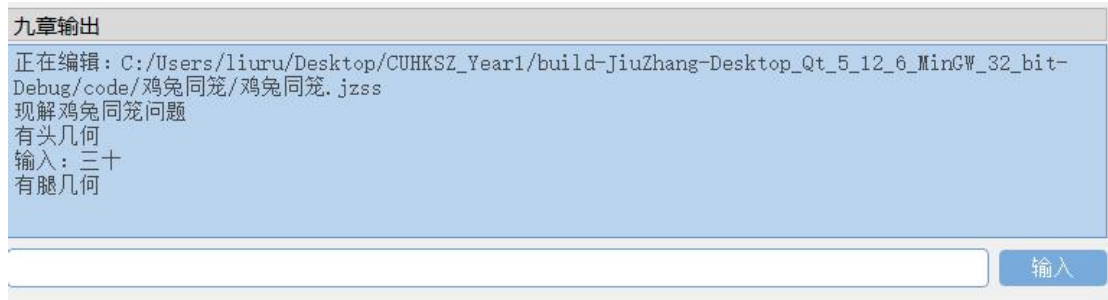
Then you can see and change the code.
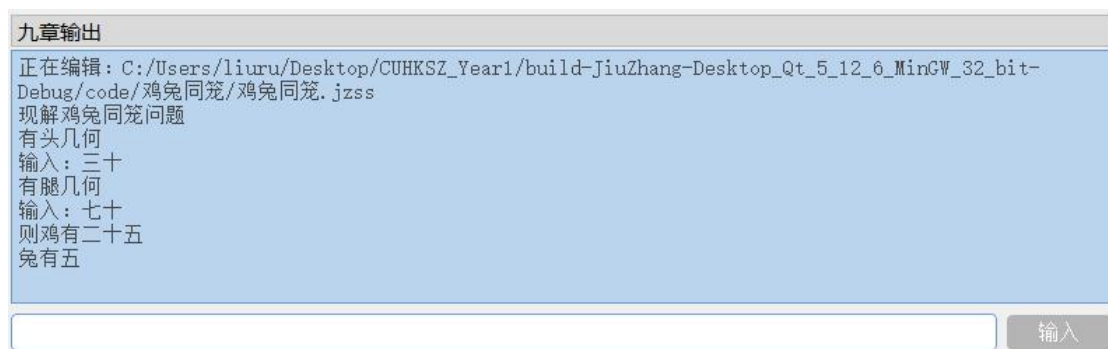Press the button to run the project.

In the output area, you can see as below.

Input 三十 and click the 输入 button.

九章输出

正在编辑：C:/Users/liuru/Desktop/CUHKSZ_Year1/build-JiuZhang-Desktop_Qt_5_12_6_MinGW_32_bit-Debug/code/鸡兔同笼/鸡兔同笼.jzss
现解鸡兔同笼问题
有头几何
输入：三十
有腿几何

输入

Input 七十 and click the 输入 button.

九章输出

正在编辑：C:/Users/liuru/Desktop/CUHKSZ_Year1/build-JiuZhang-Desktop_Qt_5_12_6_MinGW_32_bit-Debug/code/鸡兔同笼/鸡兔同笼.jzss
现解鸡兔同笼问题
有头几何
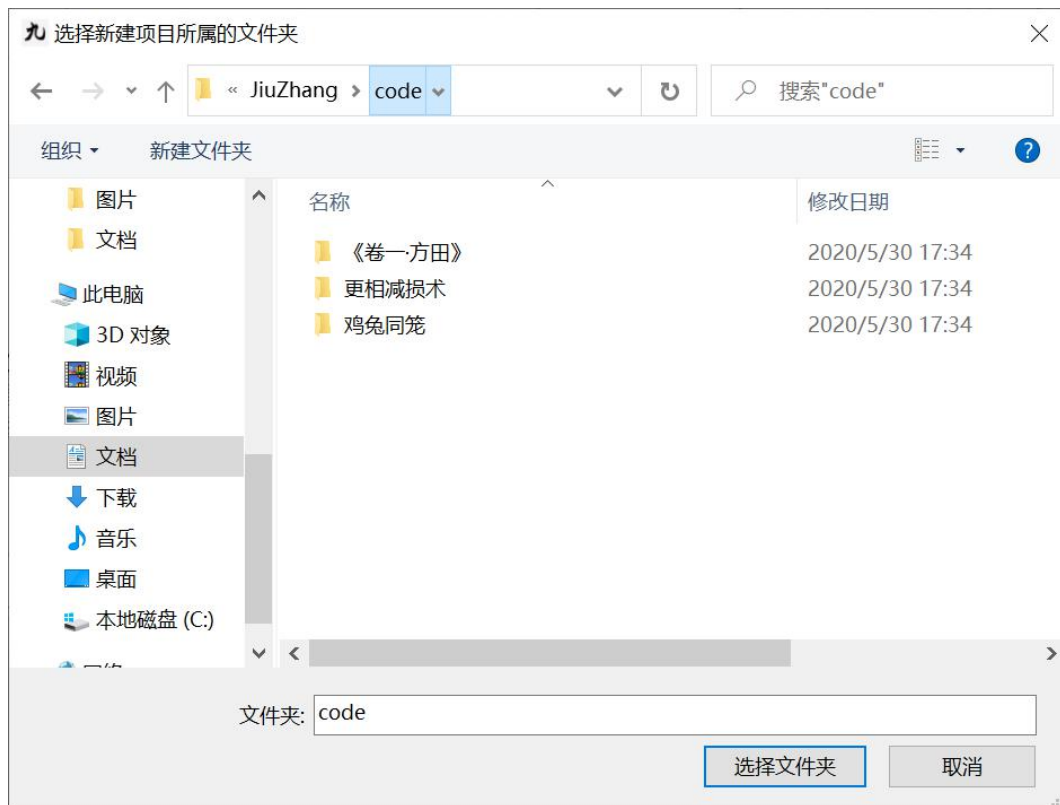输入：三十
有腿几何
输入：七十
则鸡有二十五
兔有五

输入

You will get the answer.

8. There are 4 test projects:

   1. 鸡兔同笼: Solving the well-known problem in ancient Chinese mathematic.

   2. 更相减损术: An algorithm which computes the greatest common divisor of two number. Testing the condition statement and loop statement.

   3. 《卷一·方田》: Computing the Area using the length and width. Testing the function and linker between two files.

   4. 阶乘: Testing the recursion of function.

9. How to make your own project in JiuZhang language:

   1) Right click the blank area in the 项目 column and choose the 创建新项目.

项目
∨ 鸡兔同笼
　　鸡兔同笼.jzss
　　　　创建新项目
　　　　添加新文件
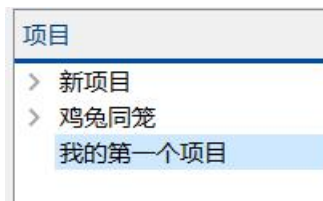　　　　重命名(M)
　　　　删除(D)

Create a folder and open it.

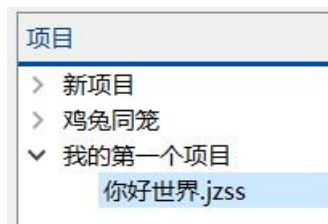Input the project name.

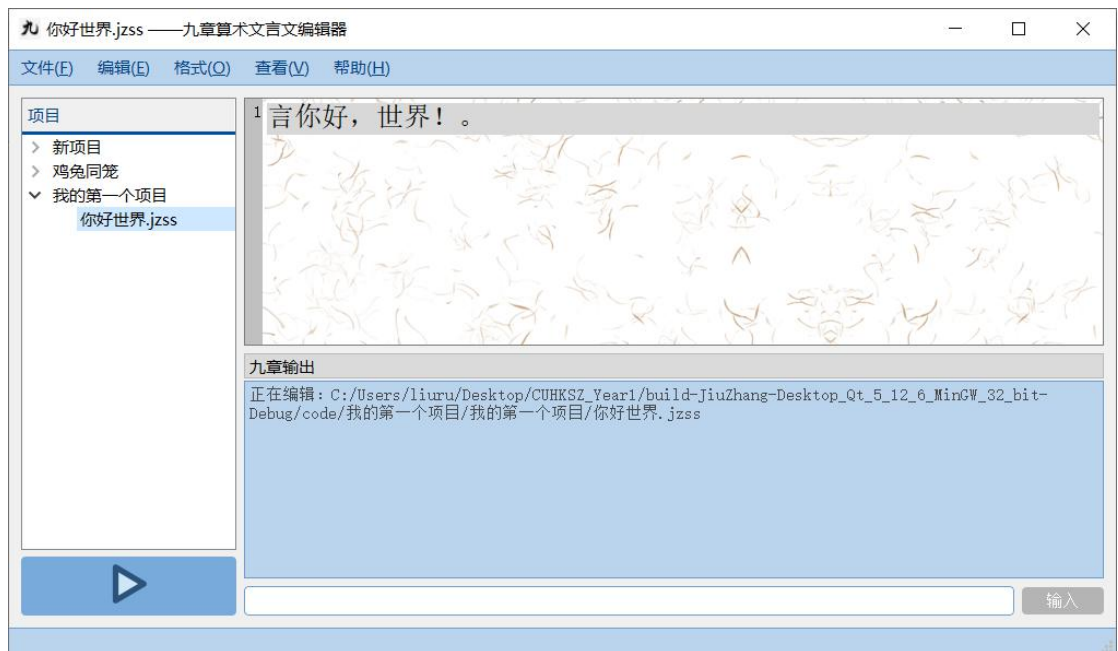2) Right Click the project name and choose 添加新文件.

Input the file name, end up with .jzss.
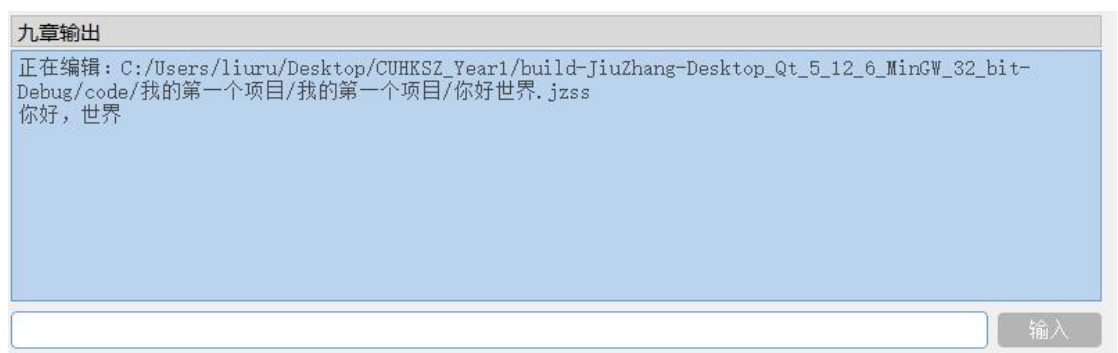
3) Double Click the file to edit it.

Write 言你好，世界。 in the file.

Click the Run button and choose Save.

Congratulations!

Choose 查看->渲染 to get a more beautiful edition of your code.

You can learn more about the syntax in the project report.

4) You can create several file under the same project to store your functions, end up with .jz.