

Python环境安装

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https://github.com/lvancer/course_python

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大纲

安装Python

测试Python环境

安装Pycharm

创建新项目

HelloWorld

安装Python

下载Python: <https://www.python.org/downloads/windows/>

← → ↻ 🔒 python.org/downloads/windows/

▪ [Python 3.6.8 - Dec. 24, 2018](#)

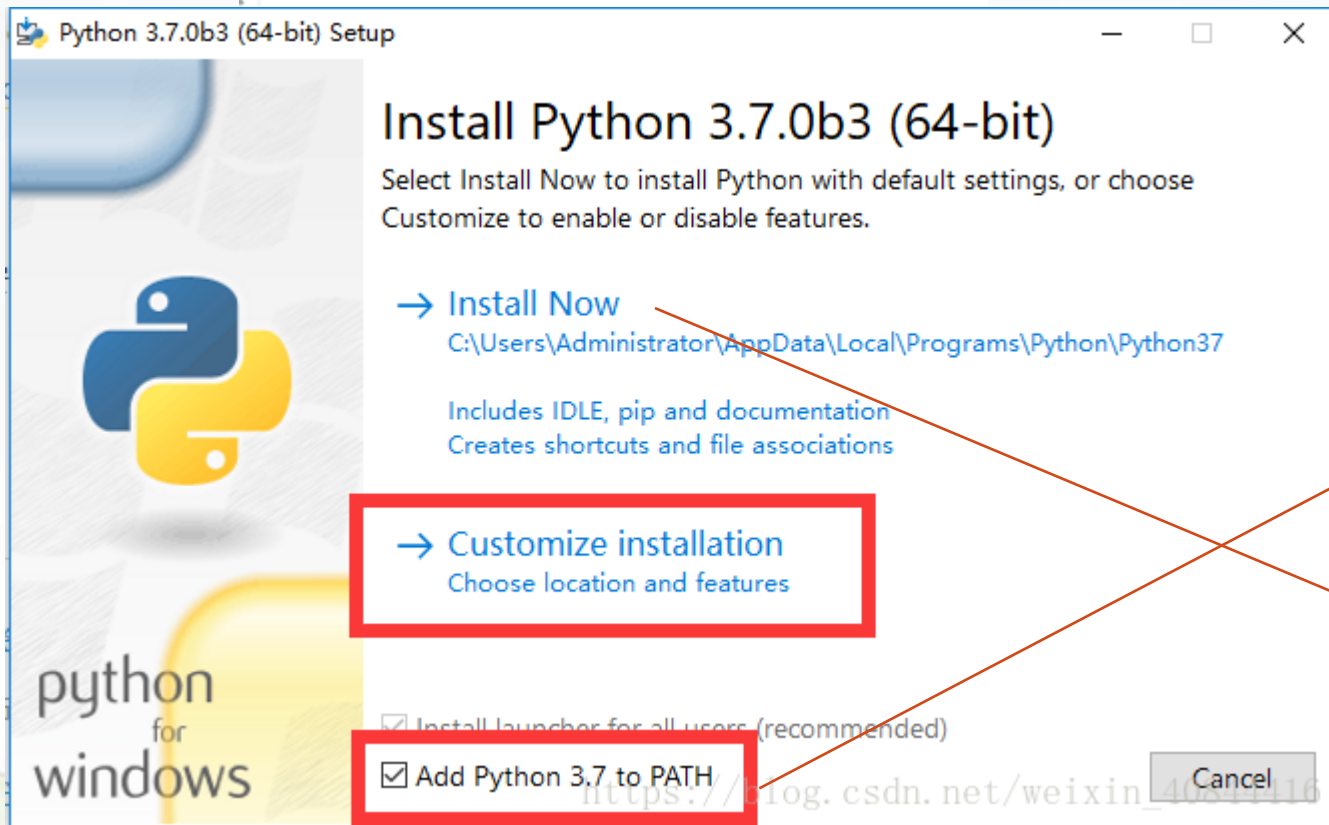
Note that Python 3.6.8 cannot be used on Windows XP or earlier.

- Download [Windows help file](#)
- Download [Windows x86-64 embeddable zip file](#)
- Download [Windows x86-64 executable installer](#)
- Download [Windows x86-64 web-based installer](#)
- Download [Windows x86 embeddable zip file](#)
- Download [Windows x86 executable installer](#)
- Download [Windows x86 web-based installer](#)

安装Python

双击安装

python-3.6.8-amd64.exe



注意底部的

Add Python x.x to PATH

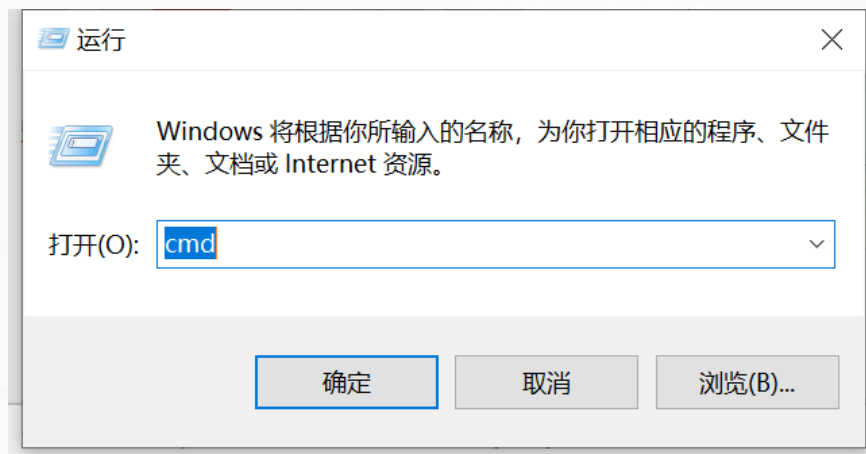
要勾选，否则要手动添加PATH

剩余的过程直接**Install Now**
然后不断下一步就可以了

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测试Python环境

进入命令行界面



输入`exit()`，退出界面

```
C:\Users\lin02>python
Python 3.6.8 (tags/v3.6.8:3c6b43
Type "help", "copyright", "credi
>>> exit()

C:\Users\lin02>_
```

输入`python`，进入python的交互界面

C:\WINDOWS\system32\cmd.exe - python

```
Microsoft Windows [版本 10.0.18362.418]
(c) 2019 Microsoft Corporation. 保留所有权利。
```

```
C:\Users\lin02>python
Python 3.6.8 (tags/v3.6.8:3c6b436a57, Dec 24 2018, 00:16:47) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> _
```

安装Pycharm

下载地址 <http://www.jetbrains.com/pycharm/download/#section=windows>

Professional

For both Scientific and Web Python development. With HTML, JS, and SQL support.

DOWNLOAD

Free trial

Community

For pure Python development


DOWNLOAD

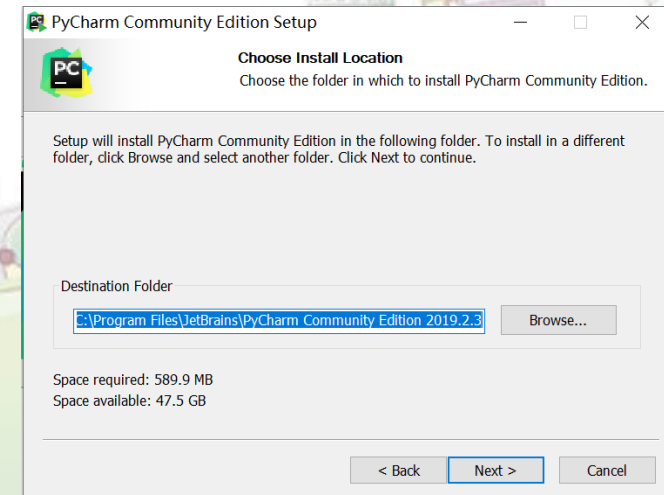
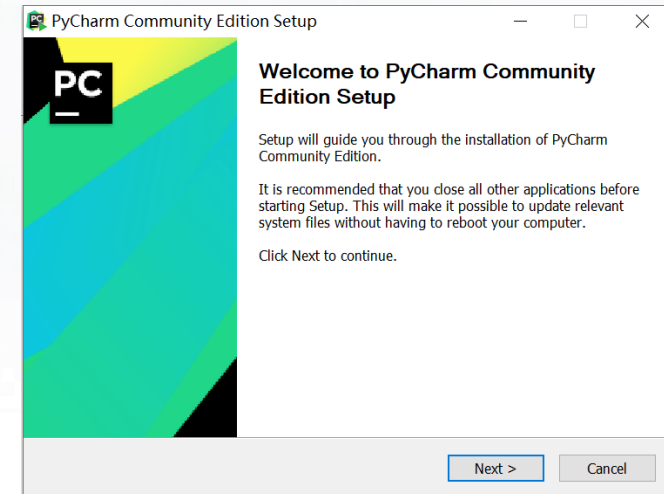
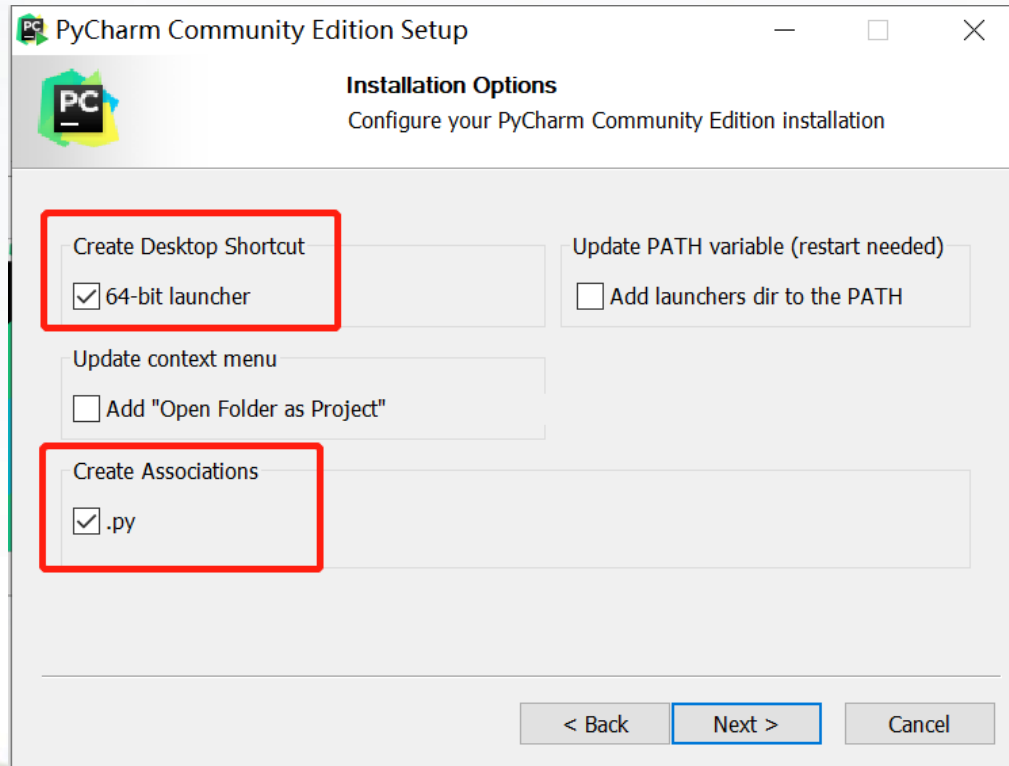
Free, open-source

社区版是免费的
已经足够我们使用

安装Pycharm

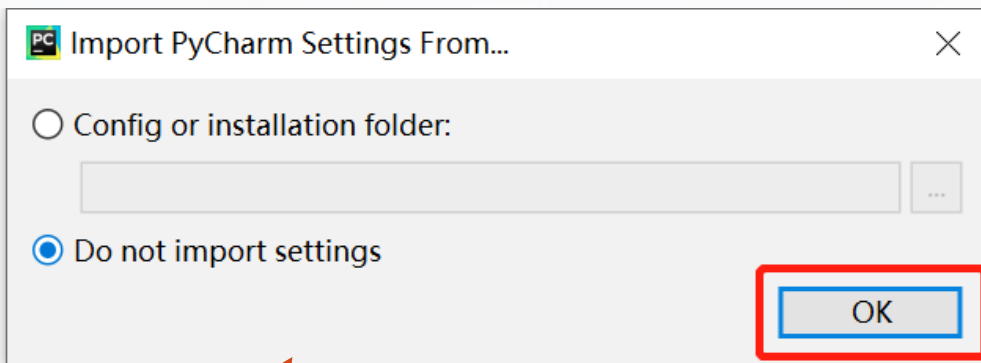
双击安装

 pycharm-community-2019.2.3.exe

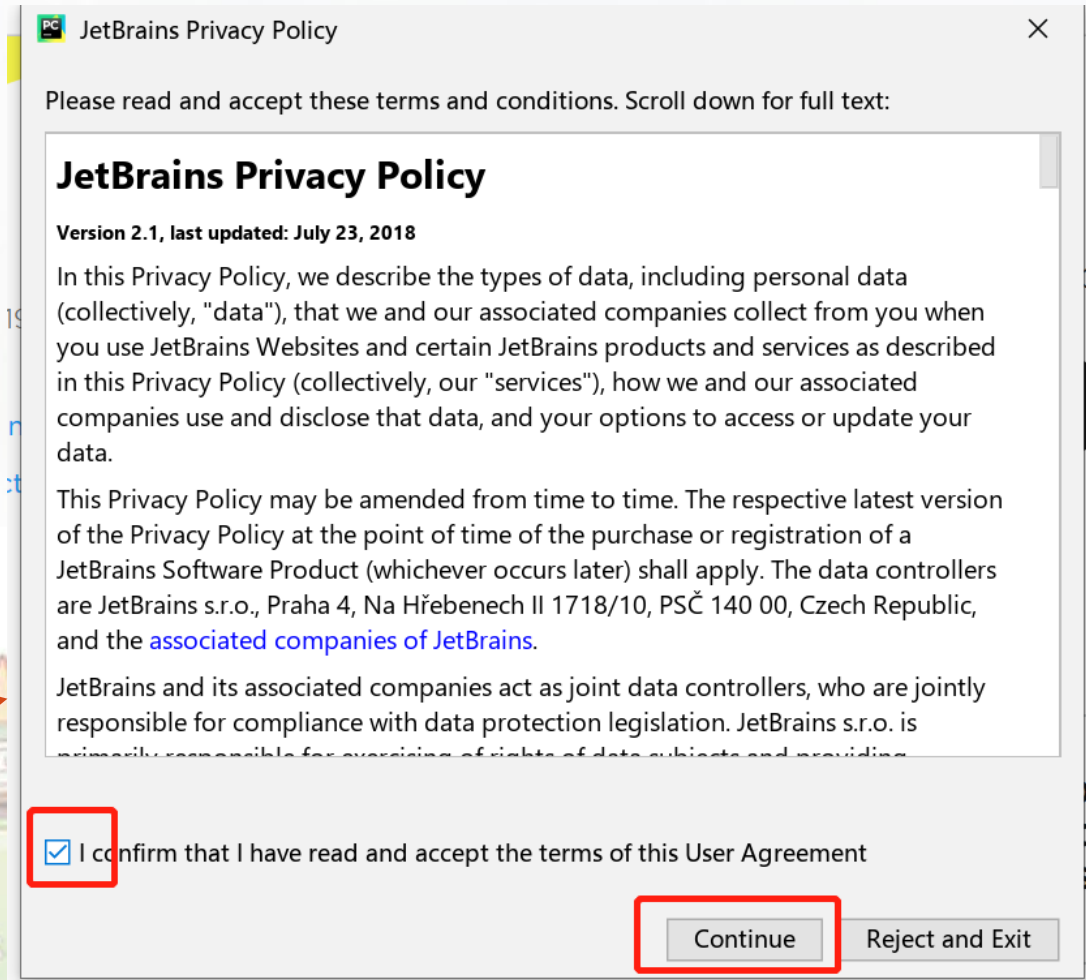


安装Pycharm

启动Pycharm

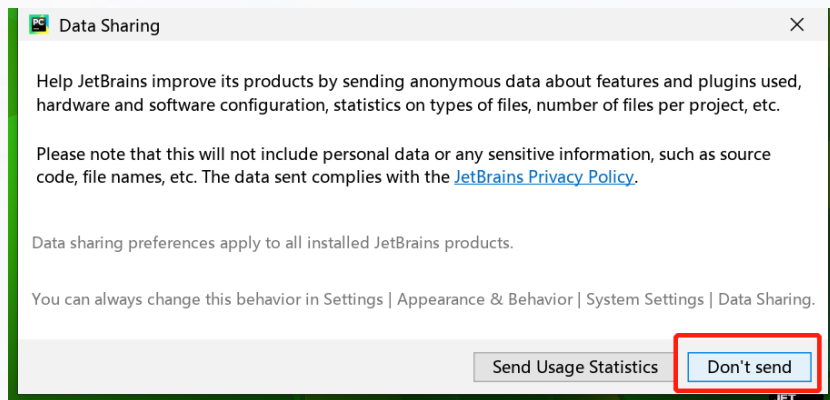


是否导入已有配置



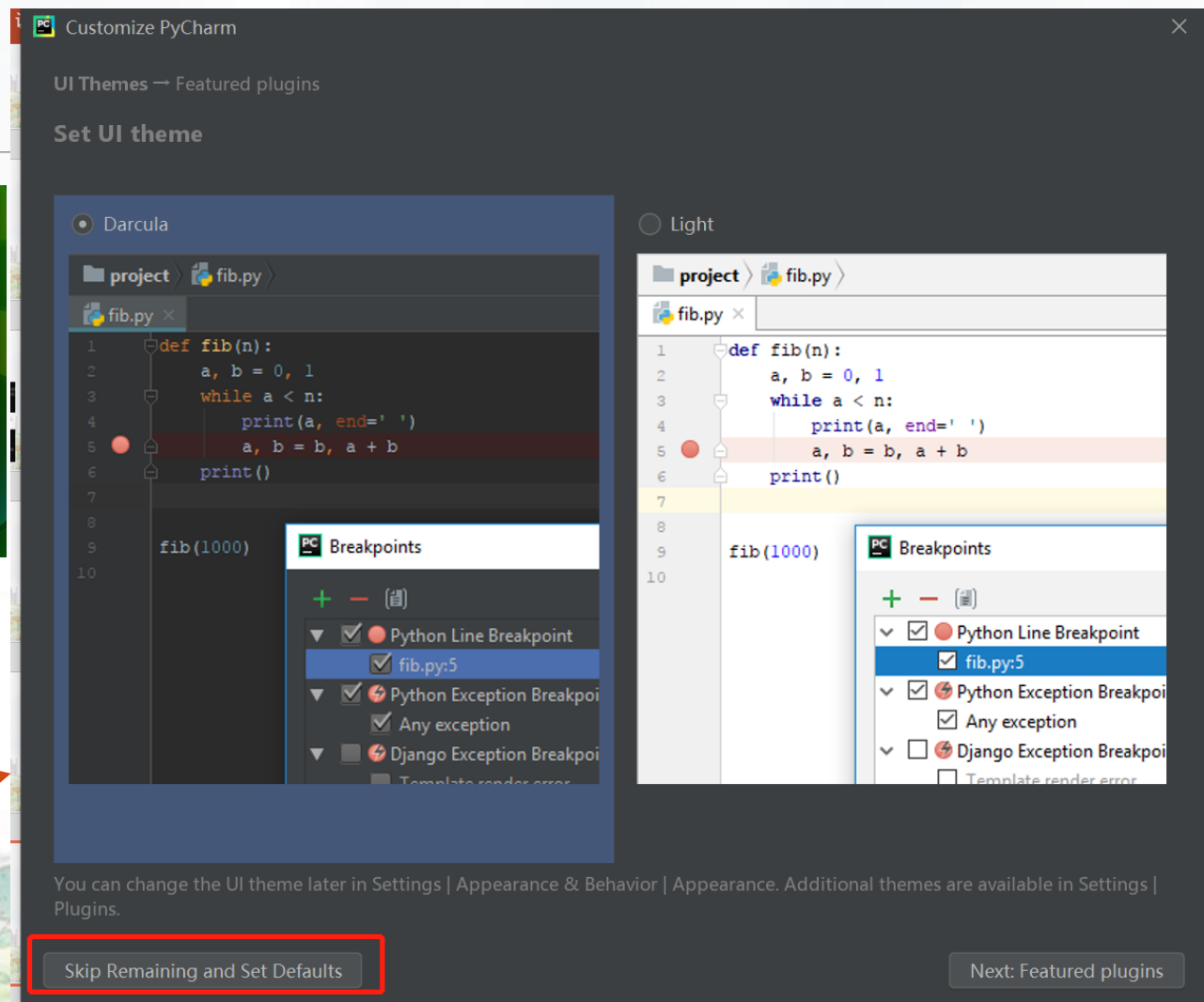
同意协议

安装Pycharm



发送数据

样式选择



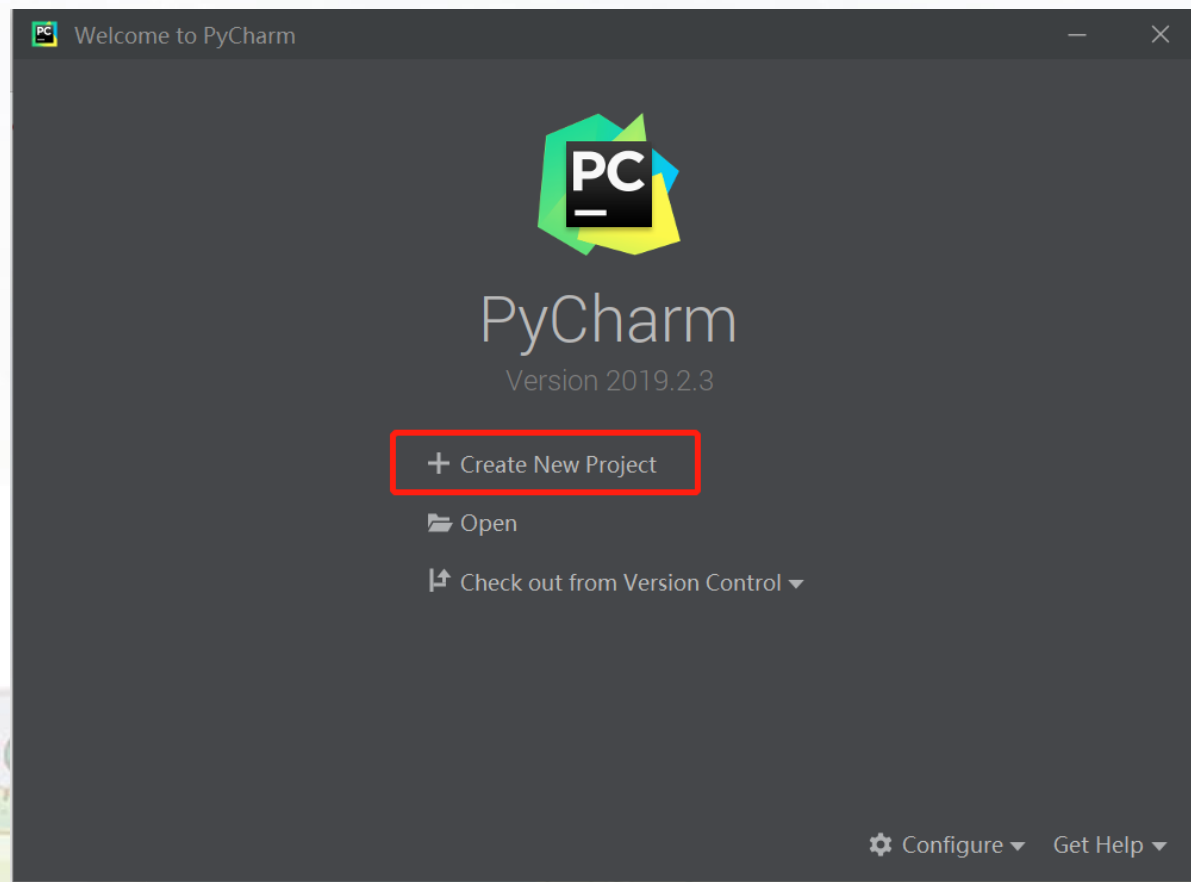
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创建新项目

点击创建新项目

+ Create New Project

Open是打开已有项目



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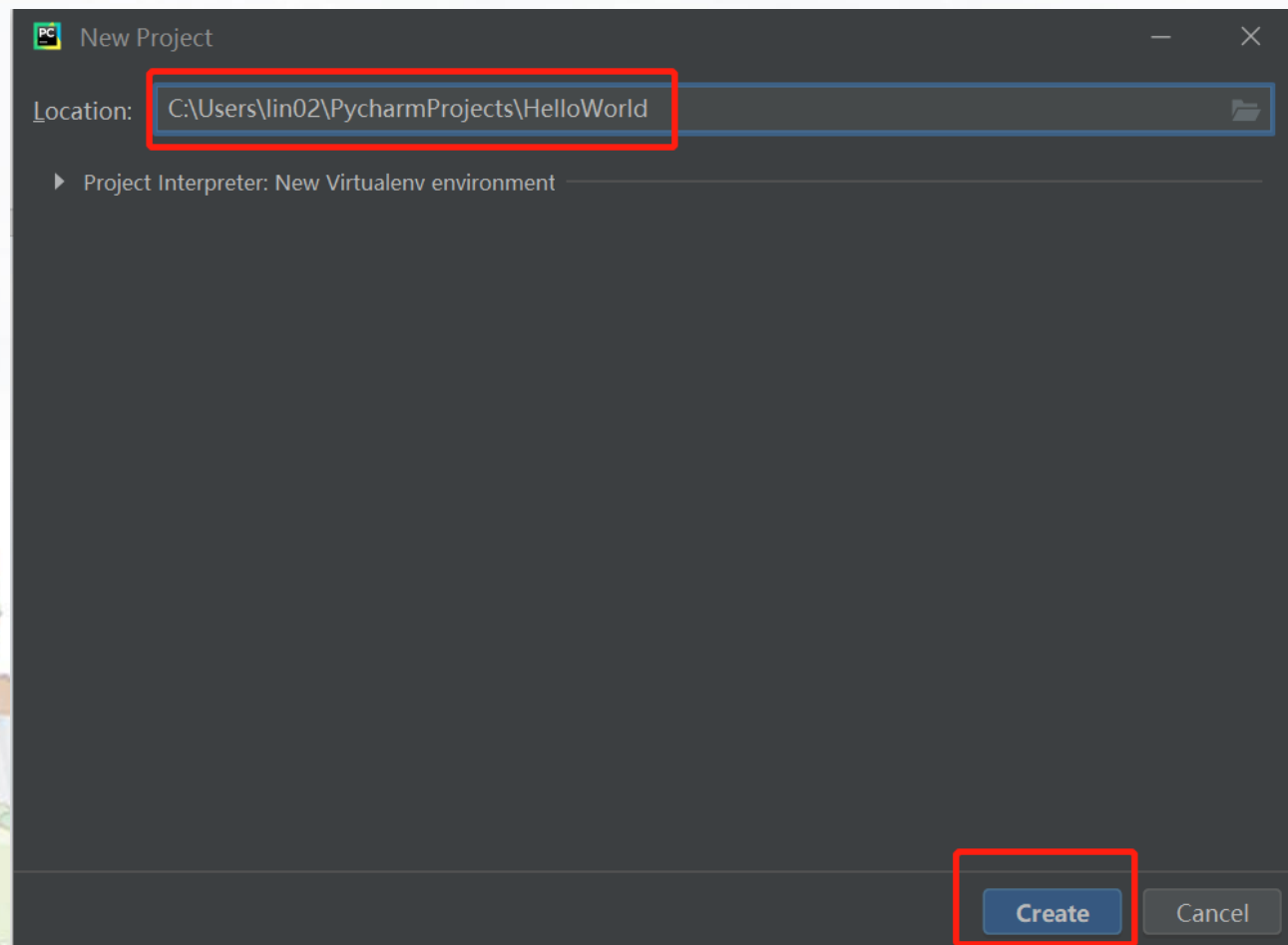
创建新项目

输入要创建的项目位置

....\HelloWorld

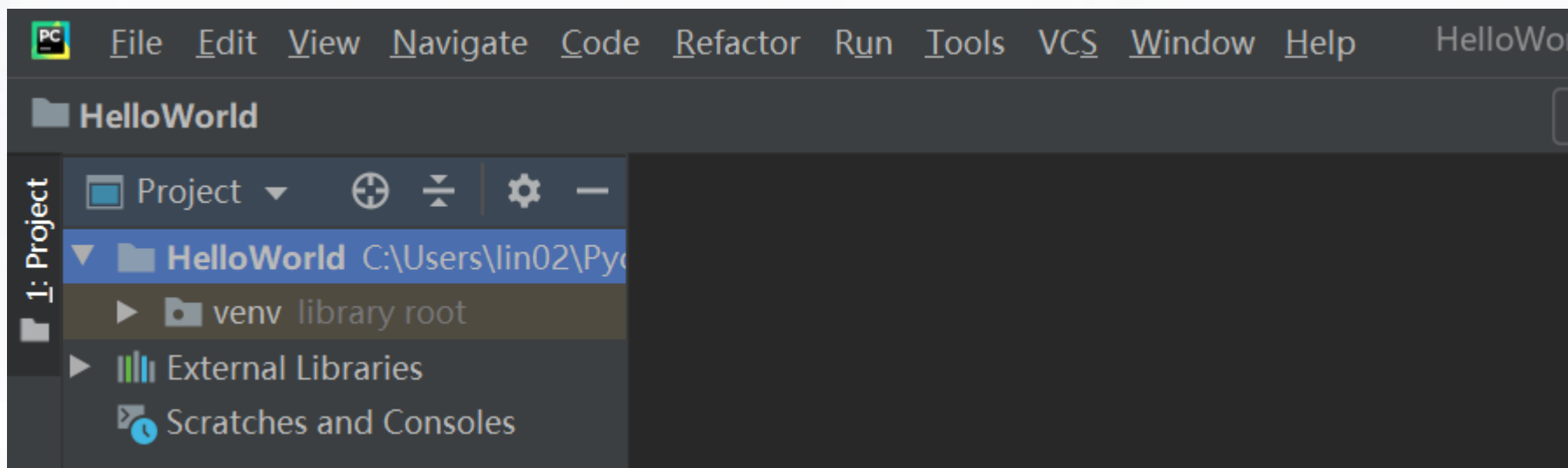
HelloWorld同时为项目名

点击 Create



创建新项目

创建好的项目如下



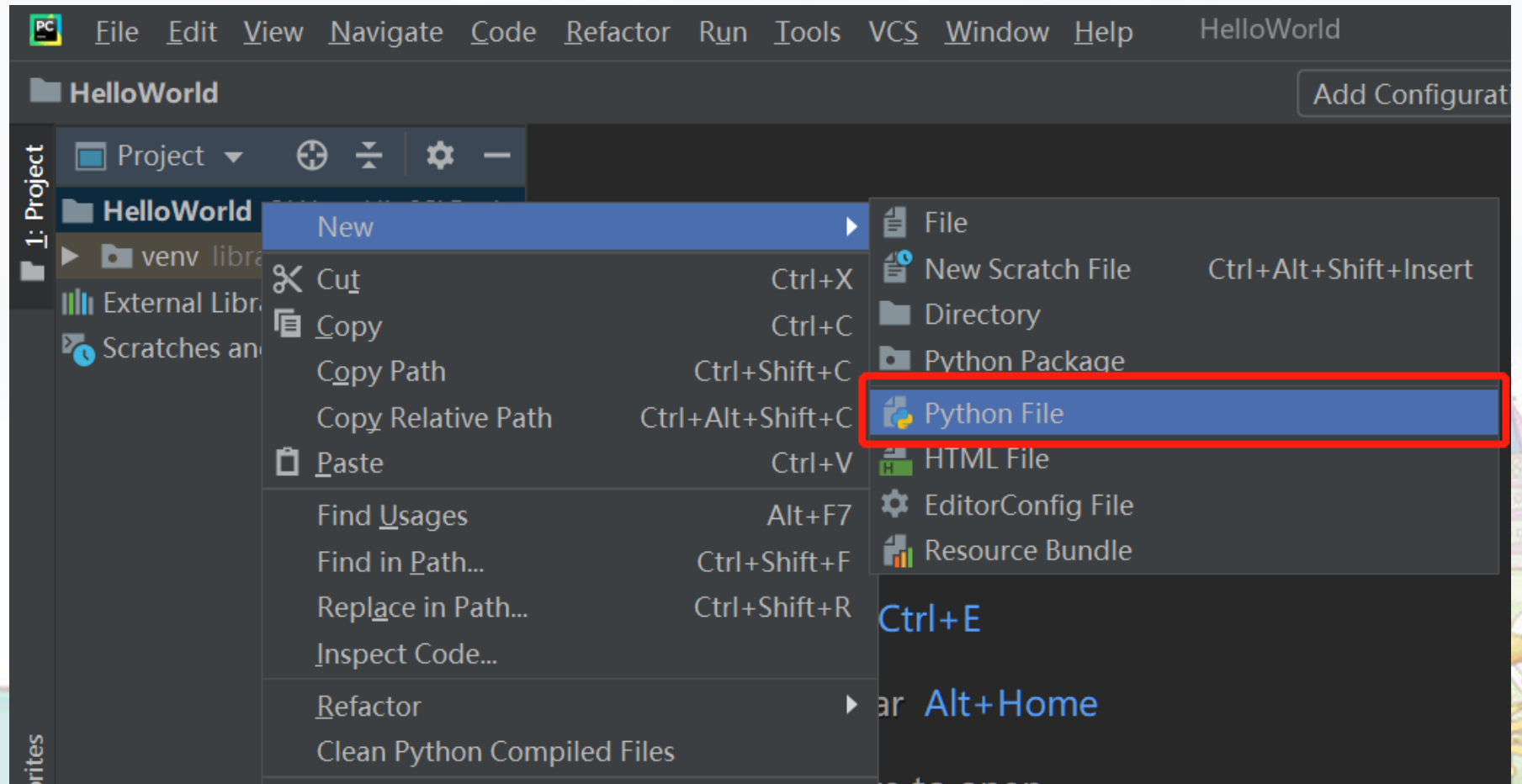
venv文件夹是python的基础环境，后面讲到包管理时会说明

HelloWorld

右键项目

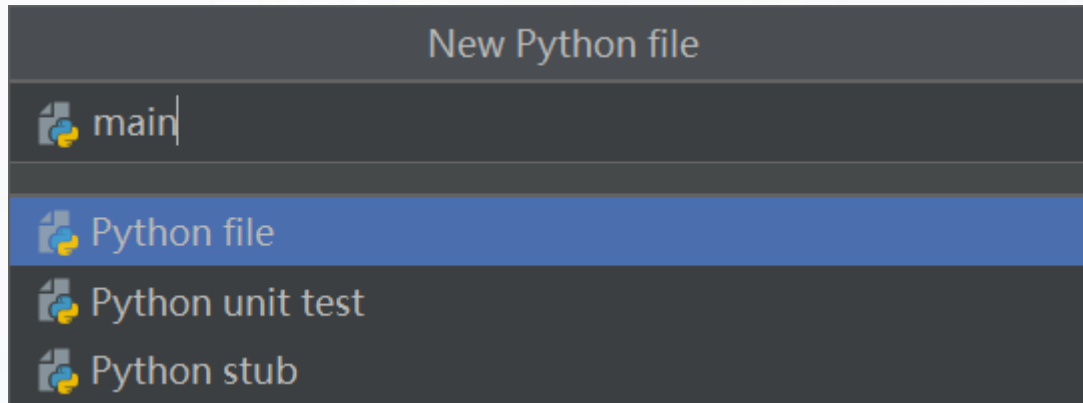
新建

Python文件

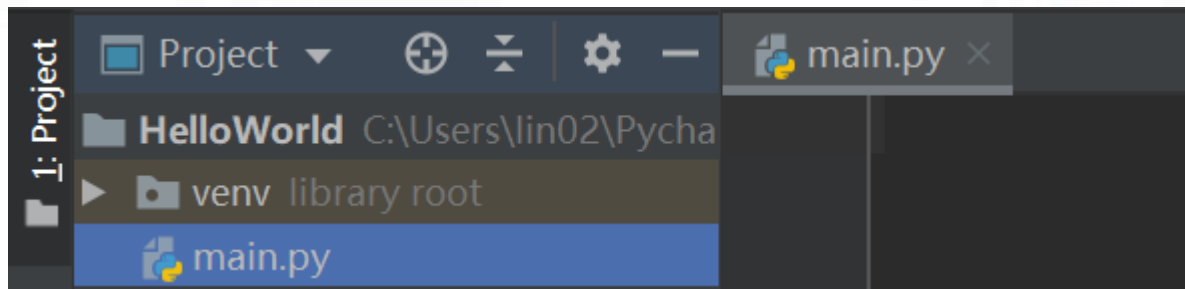


HelloWorld

输入文件名 main



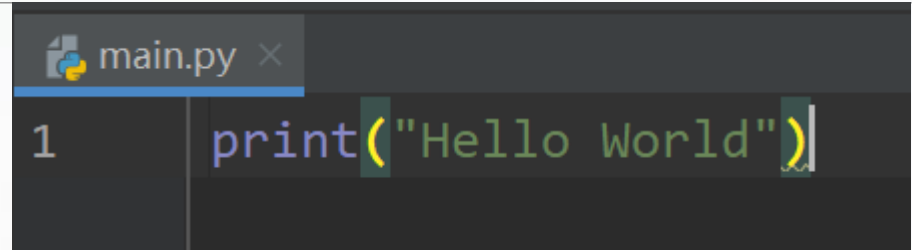
就创建好了main.py文件
双击main.py打开
在右边进入开始编辑



HelloWorld

输入下面的代码

```
print("Hello World")
```



```
main.py ×  
1 print("Hello World")
```

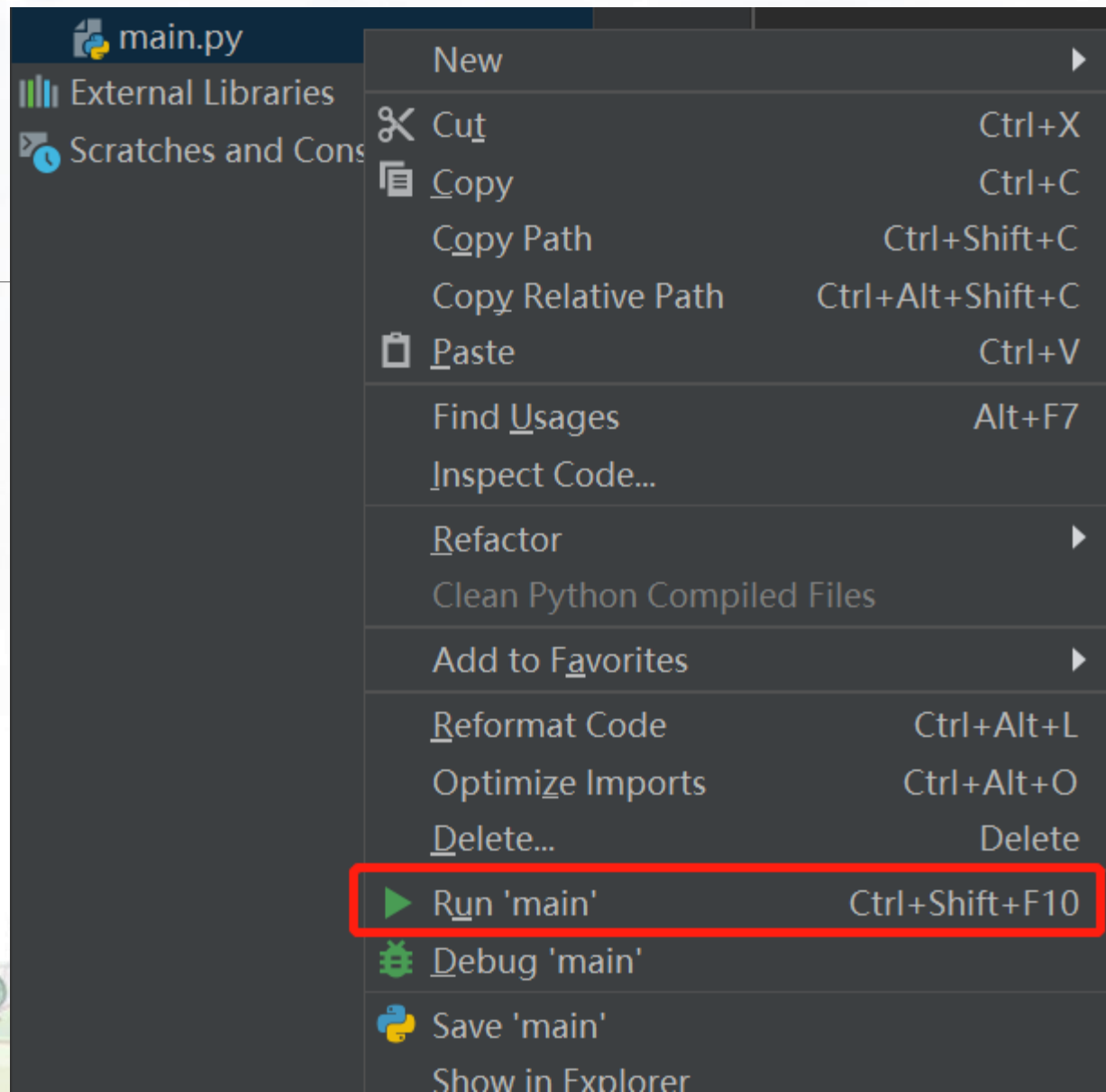
就完成了我们的第一个程序

HelloWorld

右键文件

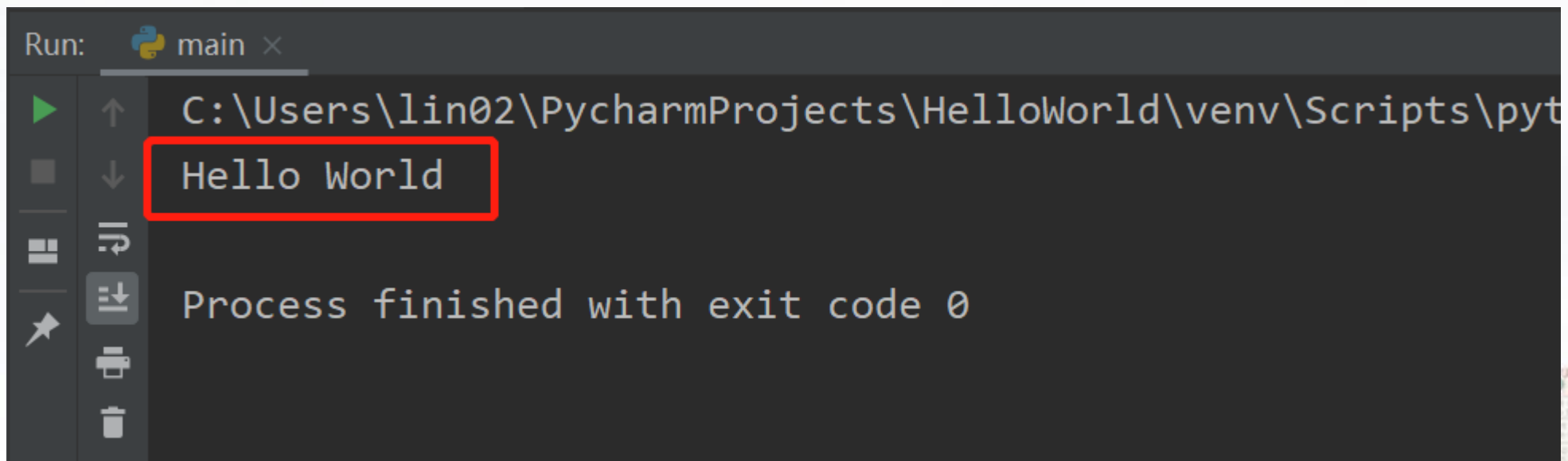
点击 Run 'main'

执行文件



HelloWorld

执行结果会在底部



The screenshot shows a PyCharm Run console window. The title bar says "Run: main x". The console output is as follows:

```
C:\Users\lin02\PycharmProjects\HelloWorld\venv\Scripts\python.exe  
Hello World  
Process finished with exit code 0
```

The text "Hello World" is highlighted with a red rectangular box.

红框中的Hello World就是我们的执行结果