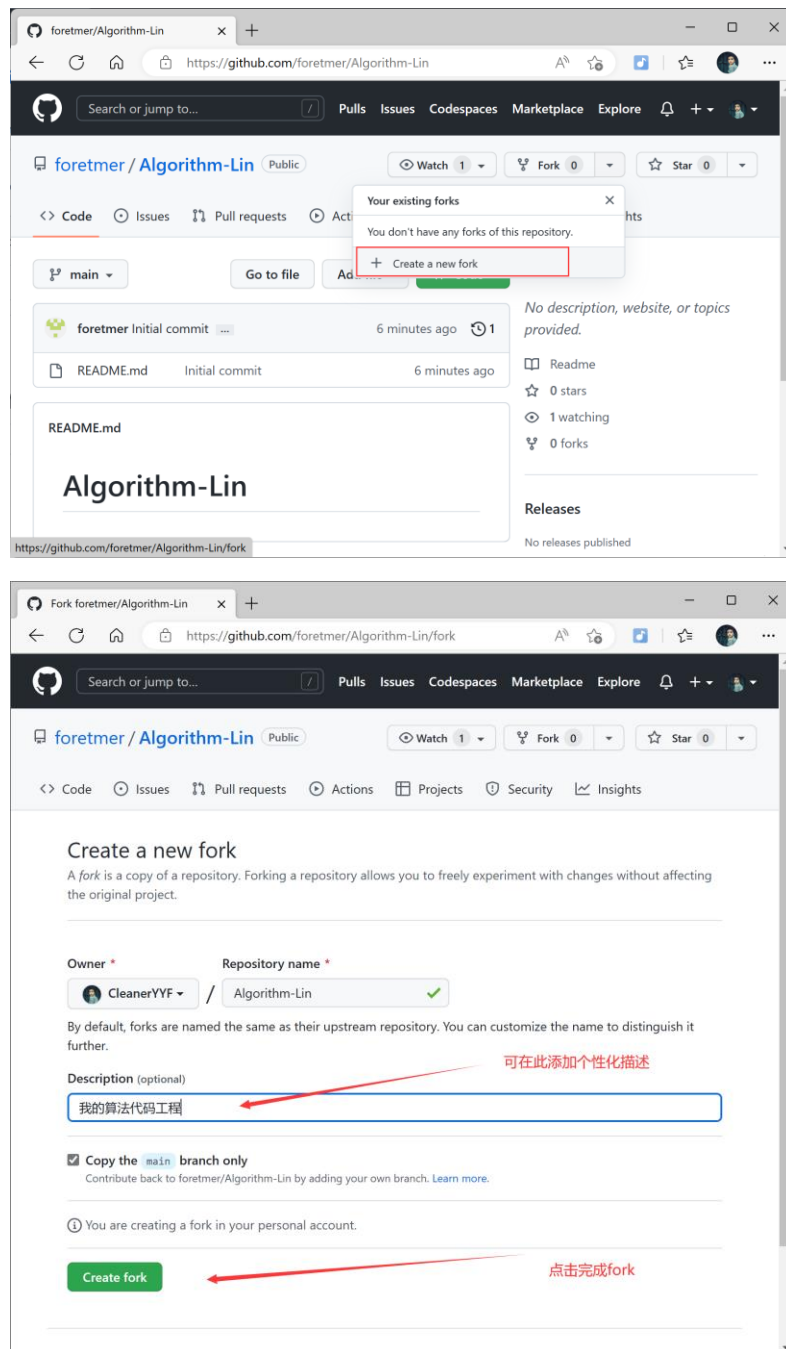


算法课程代码上传维护指引

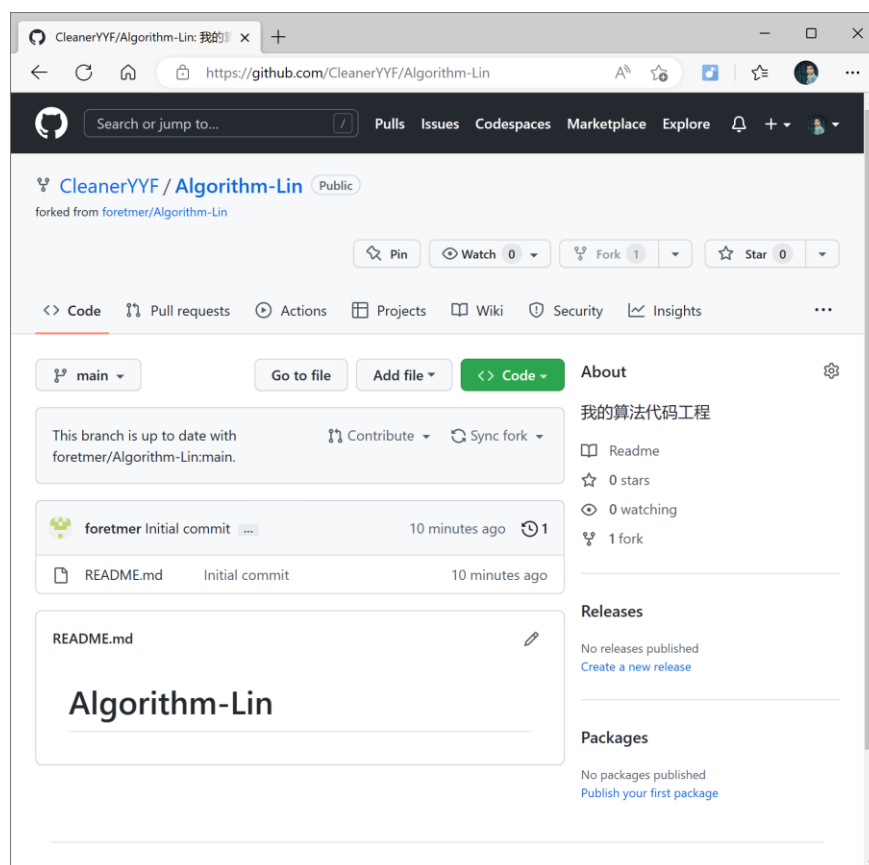
本次算法课大作业代码拟通过 GitHub 进行上传以及后期维护，为了方便大家操作，本文档为一个简单的步骤指引。

1. 代码上传

首先登录自己的 Github 账号, fork 工程 <https://github.com/foretmer/Algorithm-Lin.git>, 创建自己的分支工程 。如下：

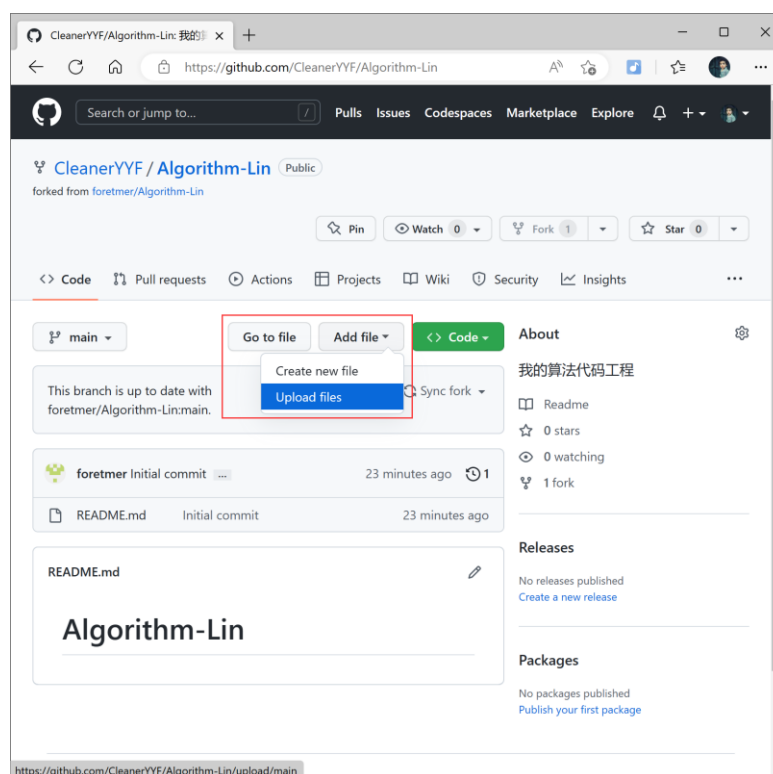


创建完成后会在自己的仓库目录下生成一个代码仓库：

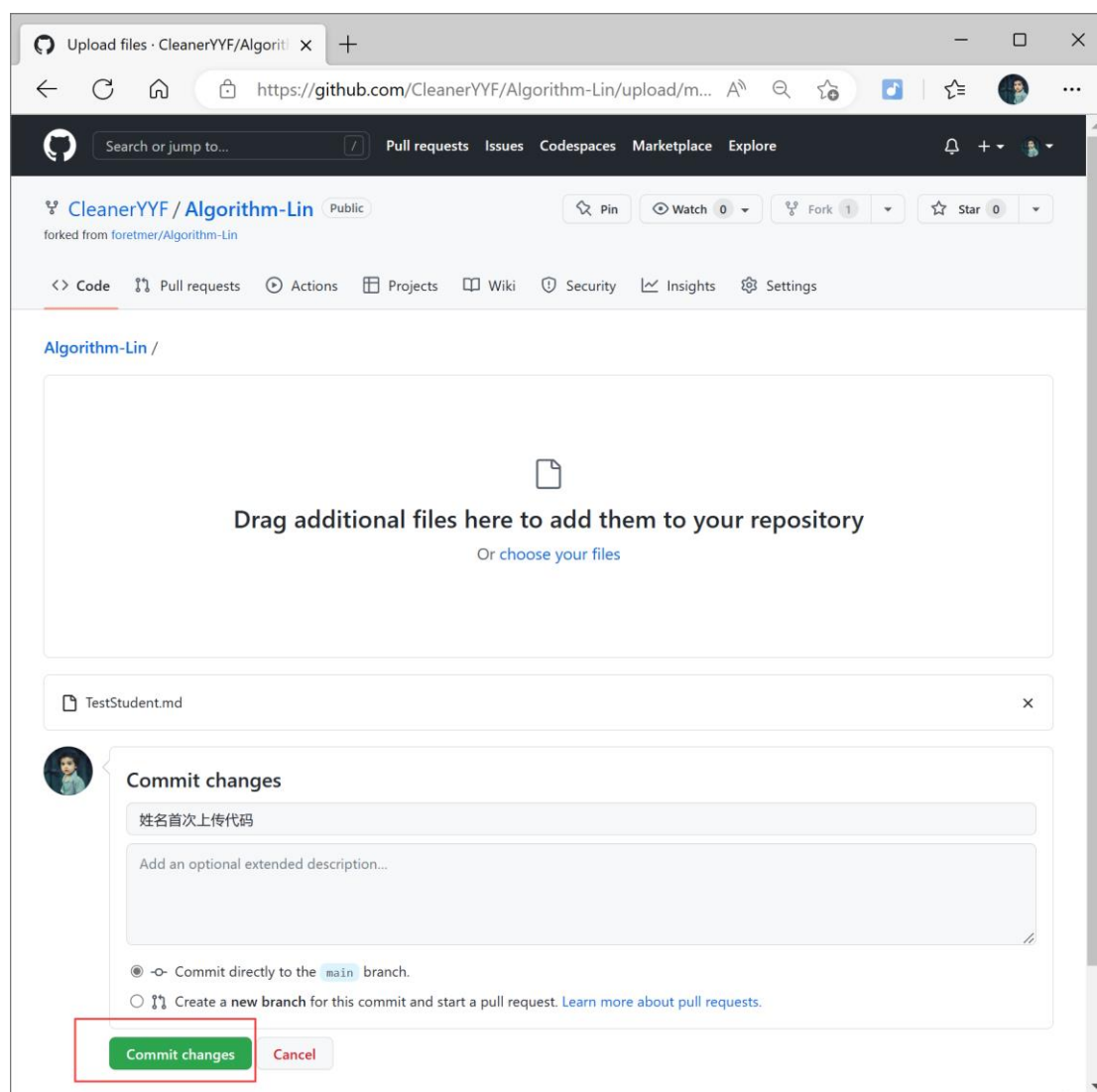


接下来上传自己的代码文件（建议使用 markdown 文件，以自己姓名命名）到本地仓库：

点击如下按钮进入上传文件界面

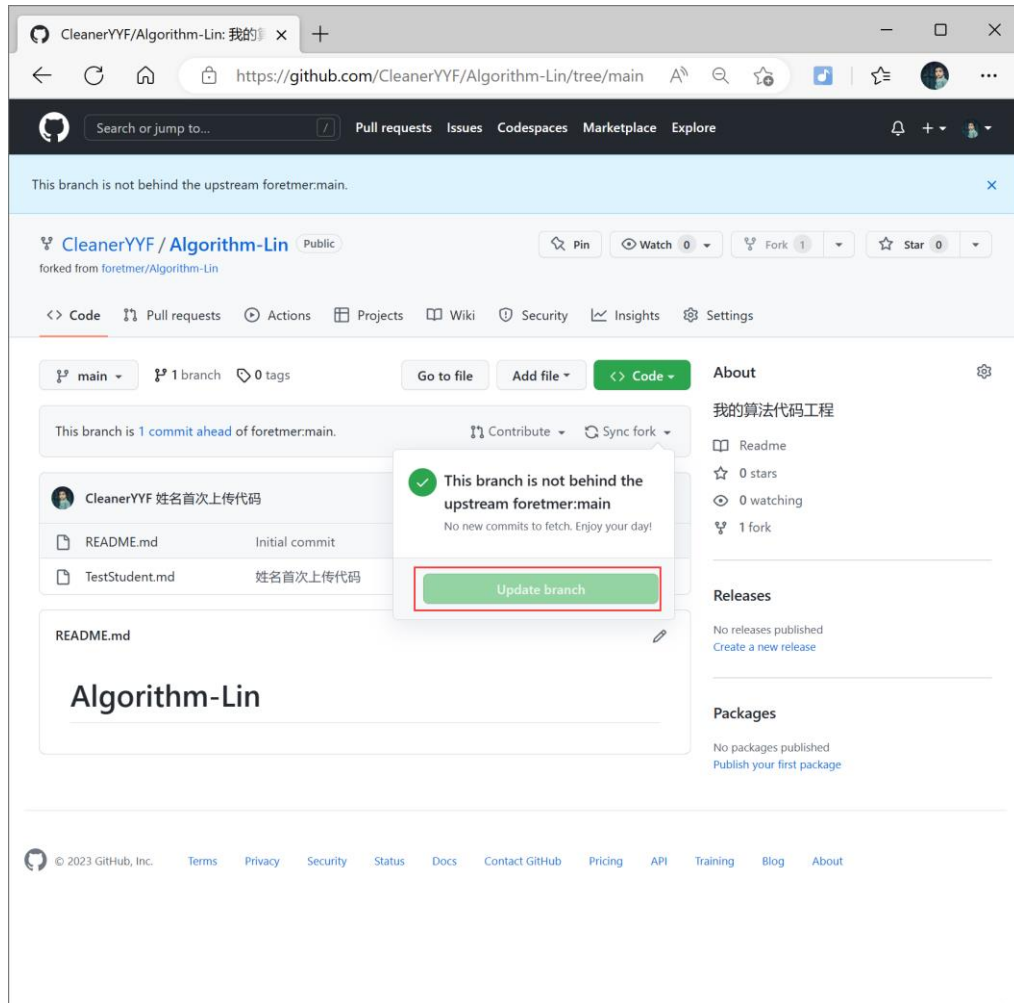


选择本地文件并点击上传文件到当前个人分支

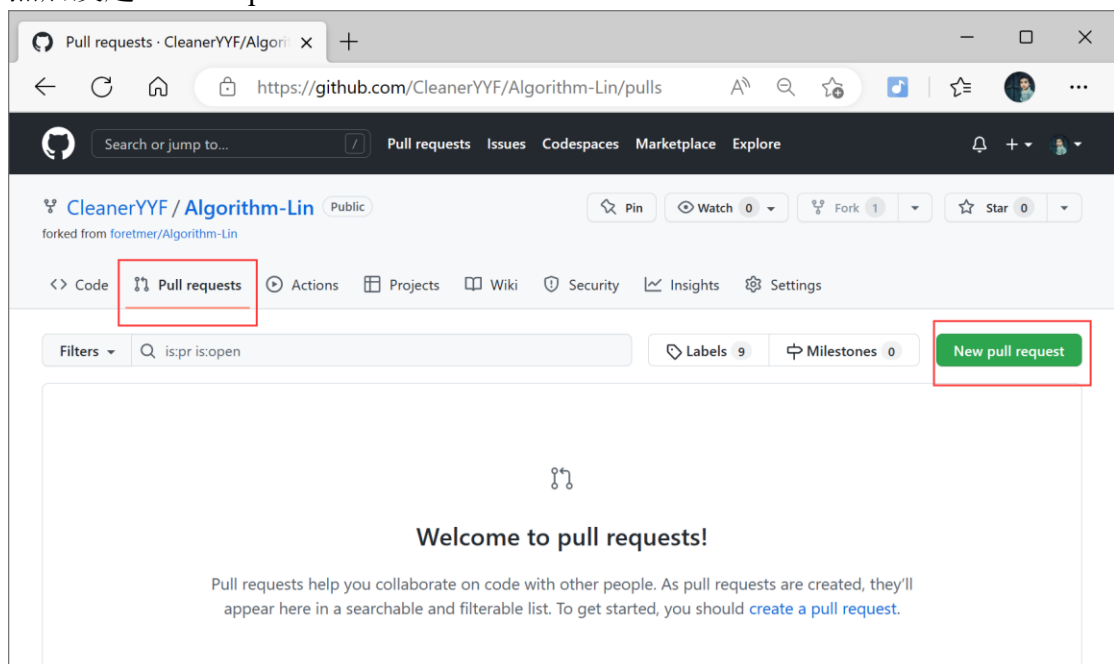


上传成功后进入自动跳转到个人分支仓库首页，此时可以看到自己提交的代码，接下来准备发起 Pull Request 将当前分支工程合并到课程汇总仓库：

首先更新当前工程，执行分支同步操作（重要！如果不执行这一步可能导致其他同学提交的代码被忽略）：



然后发起 Pull Request:



Comparing foretmer:main...Clean

https://github.com/foretmer/Algorithm-Lin/compare/m...

Search or jump to...Pull requestsIssuesCodespacesMarketplaceExplore

foretmer / Algorithm-LinPublic

Watch1Fork1Star0

<> CodeIssuesPull requestsActionsProjectsSecurityInsights

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base repository: foretmer/Algorithm-Linbase: main←

head repository: CleanerYYF/Algorithm-Lincompare: main

✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#)

Create pull request

1 commit1 file changed1 contributor

Commits on Jan 7, 2023

姓名首次上传代码

CleanerYYF committed 7 minutes ago

Verifiedbd98360<>

Showing 1 changed file with 7 additions and 0 deletions.

SplitUnified

7 TestStudent.md

<>...

@@ -0,0 +1,7 @@

1 + """python

2 + def fun():

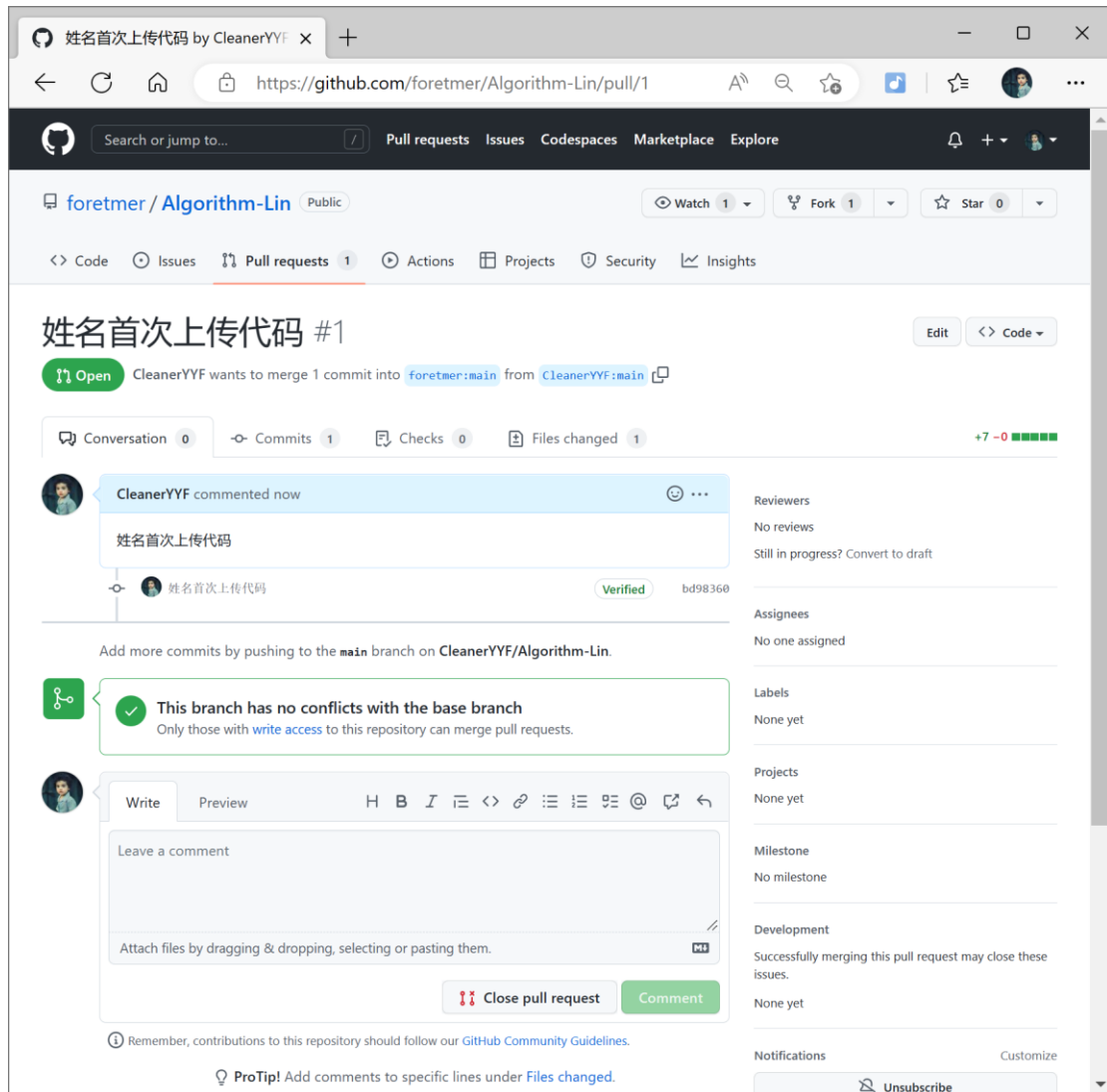
3 + return True

4 + """

5 +

6 +

7 +



此时分支合并请求成功发起，老师通过请求后，会收到一封请求通过邮件：

邮件可翻译为中文 [立即翻译](#)

Merged [#1](#) into main.

Reply to this email directly, [view it on GitHub](#), or [unsubscribe](#).
You are receiving this because you authored the thread.

2. 代码维护

提交代码并完成分支合并后若是需要进行代码更新，可以通过在个人分支更新代码并重新发起 Pull Request，具体步骤如下：

The screenshot shows a GitHub repository page for 'CleanerYYF/Algorithm-Lin'. The repository is a fork of 'foretmer/Algorithm-Lin'. The commit history shows two commits: 'Initial commit' (53 minutes ago) and '姓名首次上传代码' (25 minutes ago). The file 'TestStudent.md' is highlighted in the commit history. A red arrow points to the file name with the annotation '点击代码文件' (Click the code file).

The 'Commit changes' dialog box is open, showing the commit message '修改一次代码' (Modify code once) and the commit content '增加print输出' (Add print output). A red arrow points to the commit message with the annotation '第n次修改代码' (n-th modification of code). Another red arrow points to the commit content with the annotation '修改内容' (Modify content). The 'Commit changes' button is highlighted with a red arrow and the annotation '点击提交修改' (Click to submit modification).

Below the commit history, the code editor shows the file 'TestStudent.md' with 8 lines (5 sloc) and 75 Bytes. A red arrow points to the 'Raw' button with the annotation '点击修改代码，直接本地复制粘贴即可' (Click to modify code, directly copy and paste locally).

接下来即可发起 Pull Request，与初次提交代码一致，不再赘述。