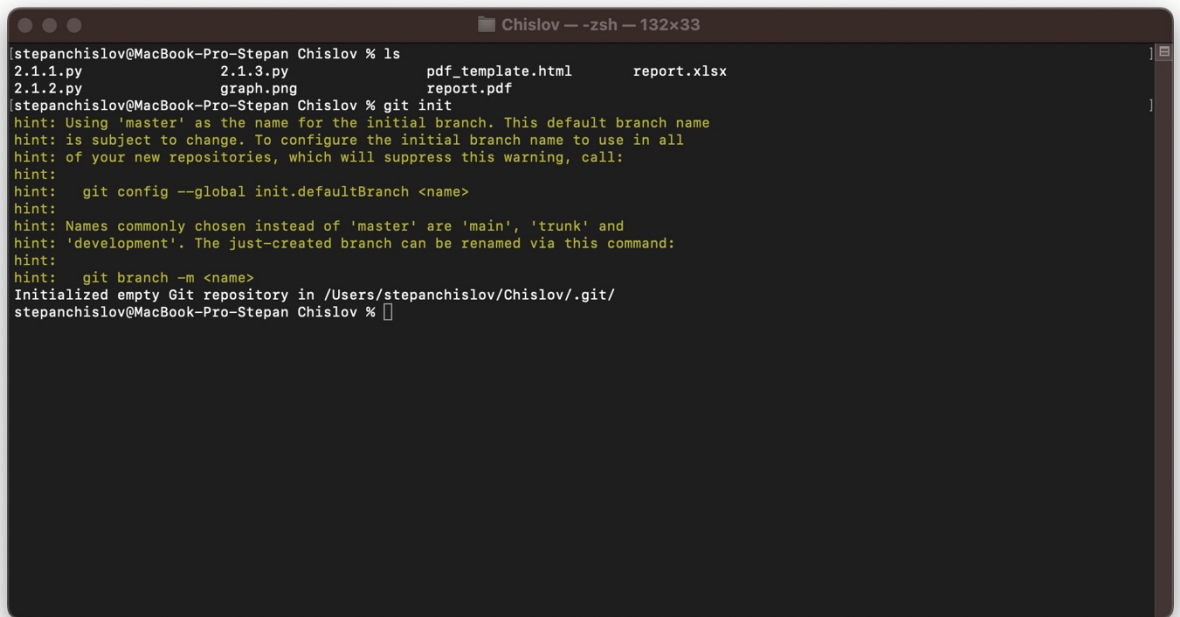


# Технологии программирования на Python

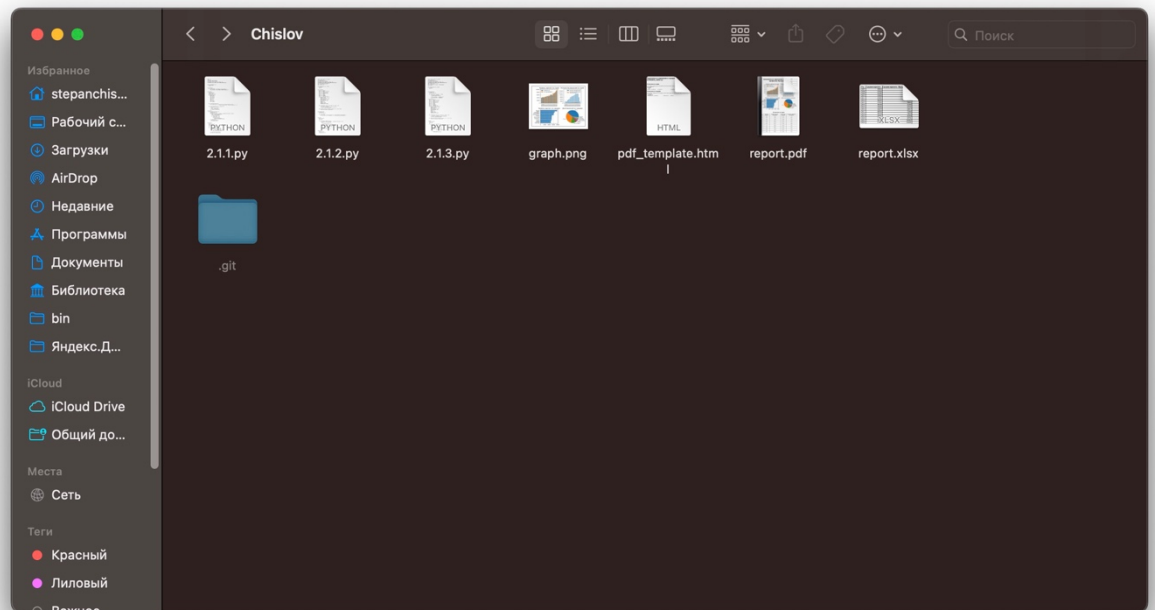
## Задание 2.1.1

1. С помощью консоли Git Bash создать пустой локальный репозиторий с названием папки фамилии автора латиницей (основная ветка репозитория, должна быть веткой main)

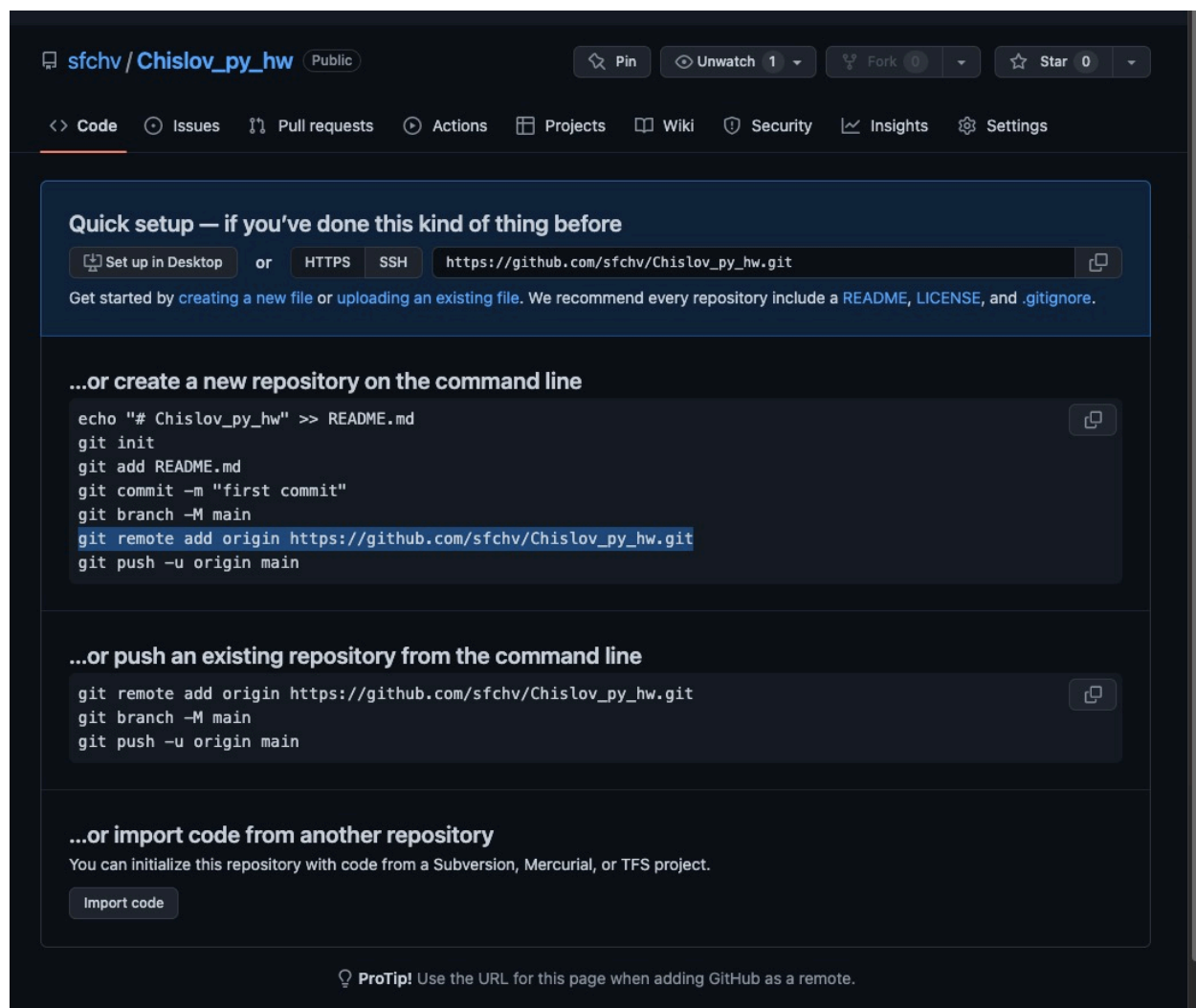


```
stepanchislov@MacBook-Pro-Stepan Chislov % ls
2.1.1.py      2.1.3.py      pdf_template.html  report.xlsx
2.1.2.py      graph.png      report.pdf
stepanchislov@MacBook-Pro-Stepan Chislov % git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:     git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:     git branch -m <name>
Initialized empty Git repository in /Users/stepanchislov/Chislov/.git/
stepanchislov@MacBook-Pro-Stepan Chislov %
```

2. Разместить в папке только файлы проекта по статистической обработке и формированию графиков и отчетов.



3. Завести аккаунт на GitHub и создать пустой репозиторий в нем.



4. Связать ветку main локального репозитория с веткой main удаленного репозитория.

```
Chislov --zsh-- 132x33
stepanchislov@MacBook-Pro-Stepan Chislov % ls
2.1.1.py      2.1.3.py      pdf_template.html  report.xlsx
2.1.2.py      graph.png      report.pdf
stepanchislov@MacBook-Pro-Stepan Chislov % git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /Users/stepanchislov/Chislov/.git/
stepanchislov@MacBook-Pro-Stepan Chislov % git remote add origin https://github.com/sfchv/Chislov_py_hw.git
stepanchislov@MacBook-Pro-Stepan Chislov % git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    2.1.1.py
    2.1.2.py
    2.1.3.py
    graph.png
    pdf_template.html
    report.pdf
    report.xlsx

nothing added to commit but untracked files present (use "git add" to track)
stepanchislov@MacBook-Pro-Stepan Chislov %
```

5. Запустить все файлы проекта в удаленном репозитории.

```
Chislov --zsh-- 132x48
hint:   git branch -m <name>
Initialized empty Git repository in /Users/stepanchislov/Chislov/.git/
stepanchislov@MacBook-Pro-Stepan Chislov % git remote add origin https://github.com/sfchv/Chislov_py_hw.git
stepanchislov@MacBook-Pro-Stepan Chislov % git status
On branch master

No commits yet

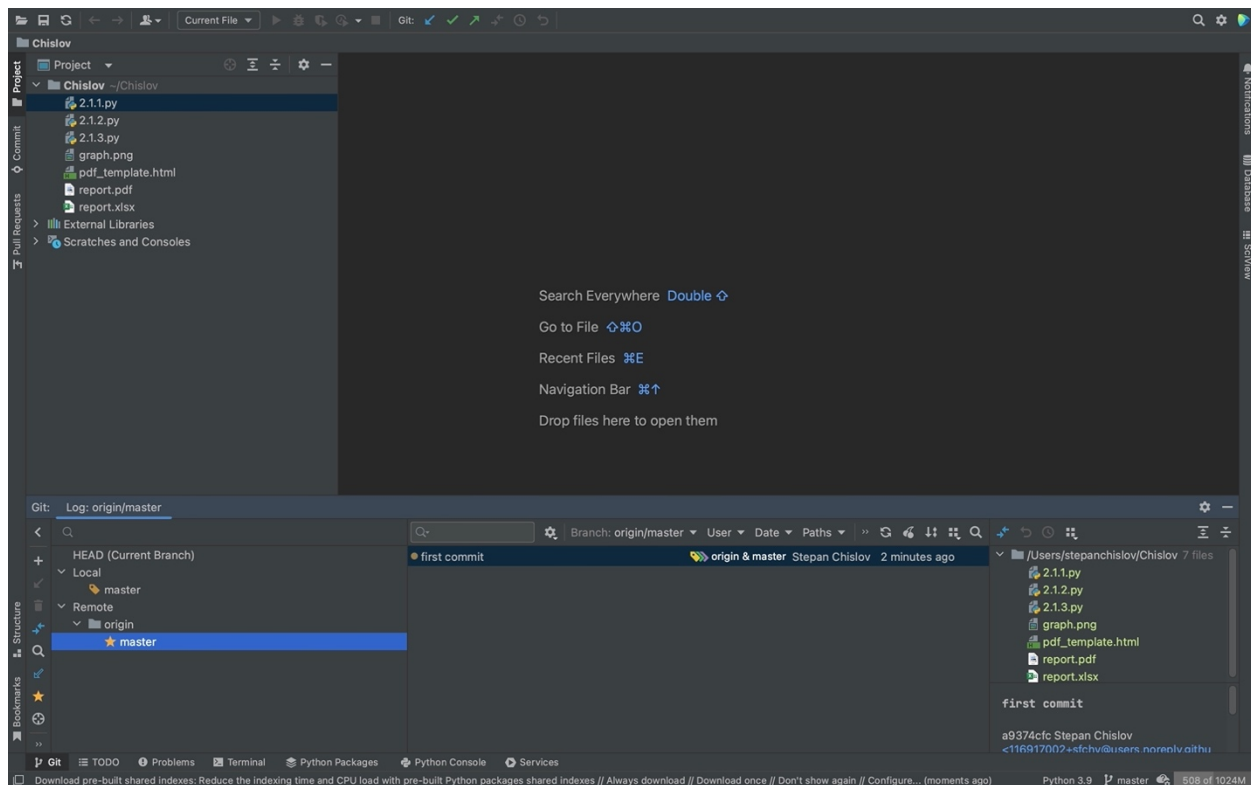
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    2.1.1.py
    2.1.2.py
    2.1.3.py
    graph.png
    pdf_template.html
    report.pdf
    report.xlsx

nothing added to commit but untracked files present (use "git add" to track)
stepanchislov@MacBook-Pro-Stepan Chislov % git add .
stepanchislov@MacBook-Pro-Stepan Chislov % git commit -m "first commit"
[master (root-commit) a9374cf] first commit
 7 files changed, 1313 insertions(+)
 create mode 100644 2.1.1.py
 create mode 100644 2.1.2.py
 create mode 100644 2.1.3.py
 create mode 100644 graph.png
 create mode 100644 pdf_template.html
 create mode 100644 report.pdf
 create mode 100644 report.xlsx
stepanchislov@MacBook-Pro-Stepan Chislov % git push
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

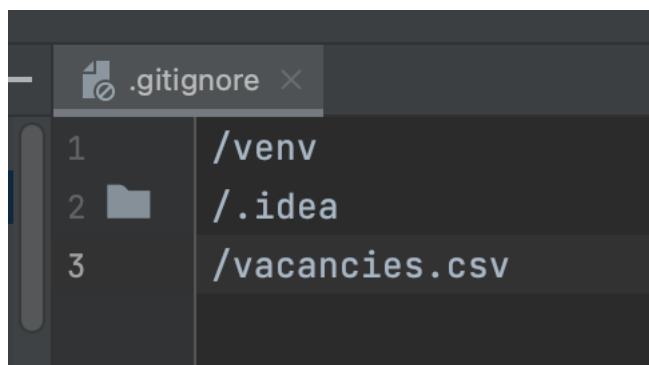
    git push --set-upstream origin master

stepanchislov@MacBook-Pro-Stepan Chislov % git push --set-upstream origin master
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (9/9), 418.45 KiB | 16.09 MiB/s, done.
Total 9 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/sfchv/Chislov_py_hw.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
stepanchislov@MacBook-Pro-Stepan Chislov %
```

6. Открыть проект в PyCharm настроить виртуальное окружение проекта.



7. Добавить файл .gitignore в котором указать входные csv-файлы, которые не должны попадать в репозиторий из-за своего размера, а также служебные файлы PyCharm (.idea) и файлы виртуального окружения (venv).



8. Если эти файлы попали в отслеживаемое состояние, они могут попасть в удаленный репозиторий, поэтому необходимо удалить эти файлы из индекса git, чтобы они случайно не попали в удаленный репозиторий.

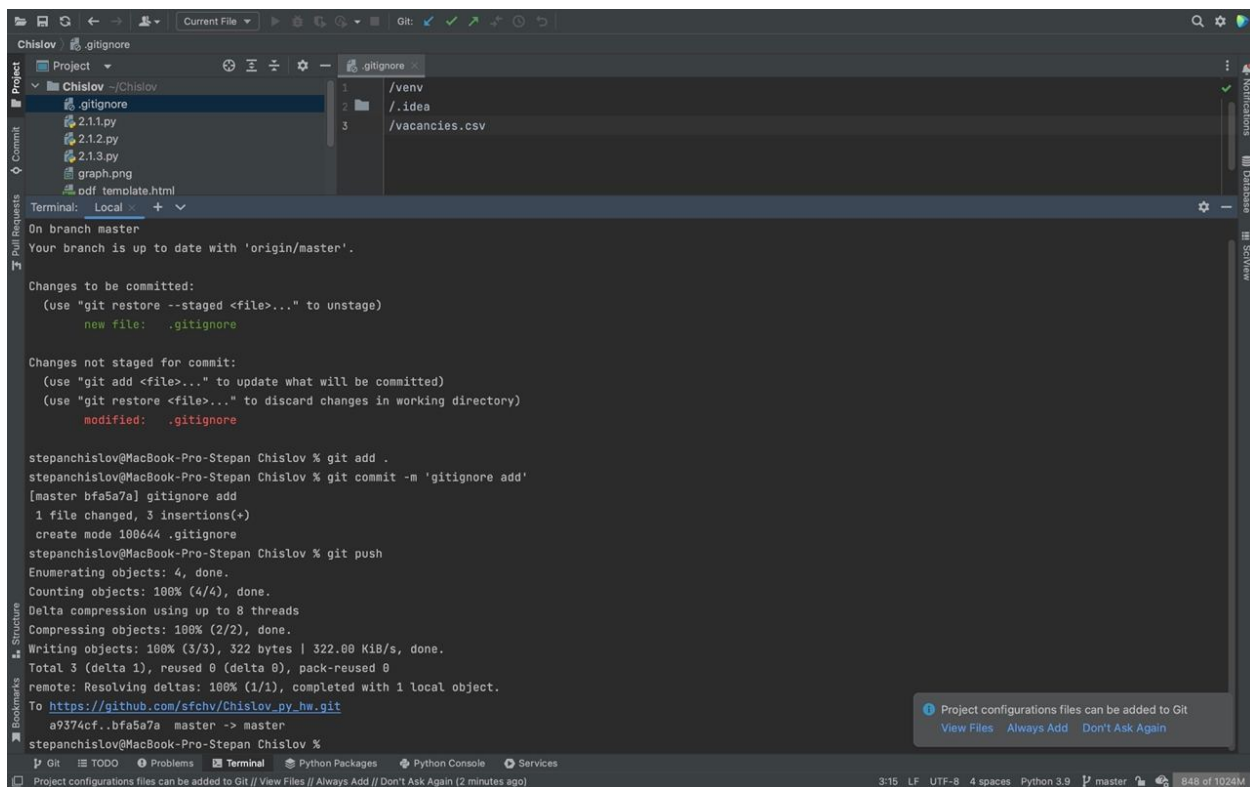
```
Terminal: Local x + v
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   .gitignore

stepanchislov@MacBook-Pro-Stepan Chislov %
```

9. Закоммитить и запустить все изменения и отправить их в удаленный репозиторий.



```
Chislov .gitignore
Project
  Chislov ~/Chislov
    .gitignore
    2.1.1.py
    2.1.2.py
    2.1.3.py
    graph.png
    pdf_template.html
  .gitignore
    1 /venv
    2 /.idea
    3 /vacancies.csv

Terminal: Local x + v
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   .gitignore

stepanchislov@MacBook-Pro-Stepan Chislov % git add .
stepanchislov@MacBook-Pro-Stepan Chislov % git commit -m 'gitignore add'
[master bfa5a7a] gitignore add
1 file changed, 3 insertions(+)
create mode 100644 .gitignore
stepanchislov@MacBook-Pro-Stepan Chislov % git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 322 bytes | 322.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/sfchv/Chislov_py_hw.git
 a9374cf..bfa5a7a master -> master
stepanchislov@MacBook-Pro-Stepan Chislov %
```

Project configurations files can be added to Git  
View Files Always Add Don't Ask Again

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (2 minutes ago)

3:15 LF UTF-8 4 spaces Python 3.9 master 848 of 1024M

nmit

master

1 branch

0 tags

Go to file

Add file

Code



sfchv gitignore add

bfa5a7a 1 minute ago

2 commits



.gitignore

gitignore add

1 minute ago



2.1.1.py

first commit

6 minutes ago



2.1.2.py

first commit

6 minutes ago



2.1.3.py

first commit

6 minutes ago



graph.png

first commit

6 minutes ago



pdf\_template.html

first commit

6 minutes ago



report.pdf

[first commit](#)

6 minutes ago



report.xlsx

first commit

6 minutes ago

Help people interested in this repository understand your project by adding a README.

Add a README