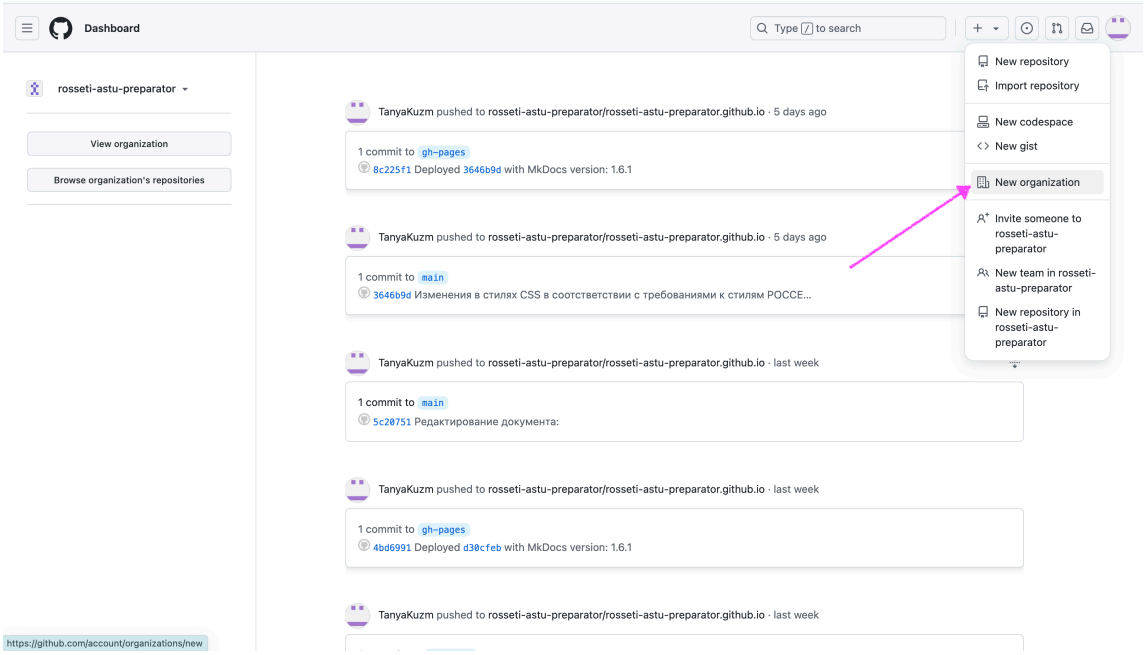
Step 1: Creating an organization in GitHub

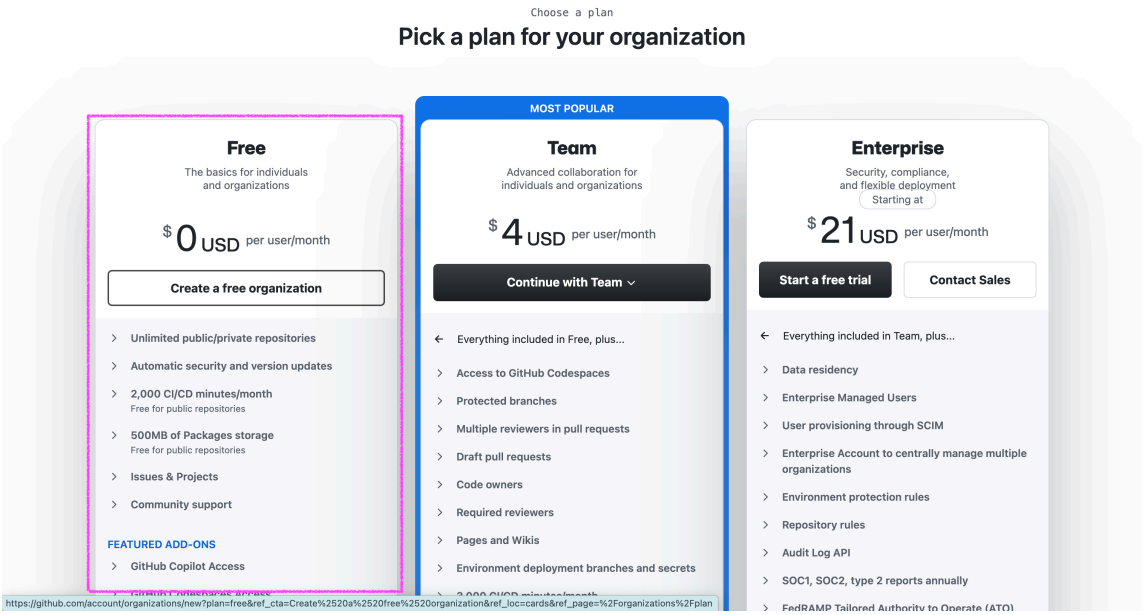
Create an organization:

- Log in to GitHub.
- Select the "Create an organization" menu.



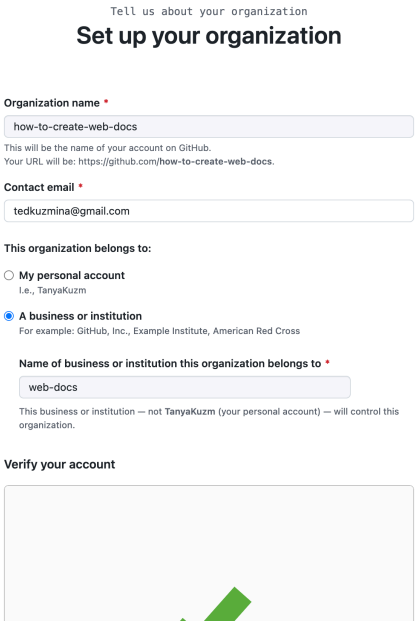
Select a pricing plan:

- Choose an appropriate pricing plan for your organization.



Set up the organization:

- Fill in the necessary settings.

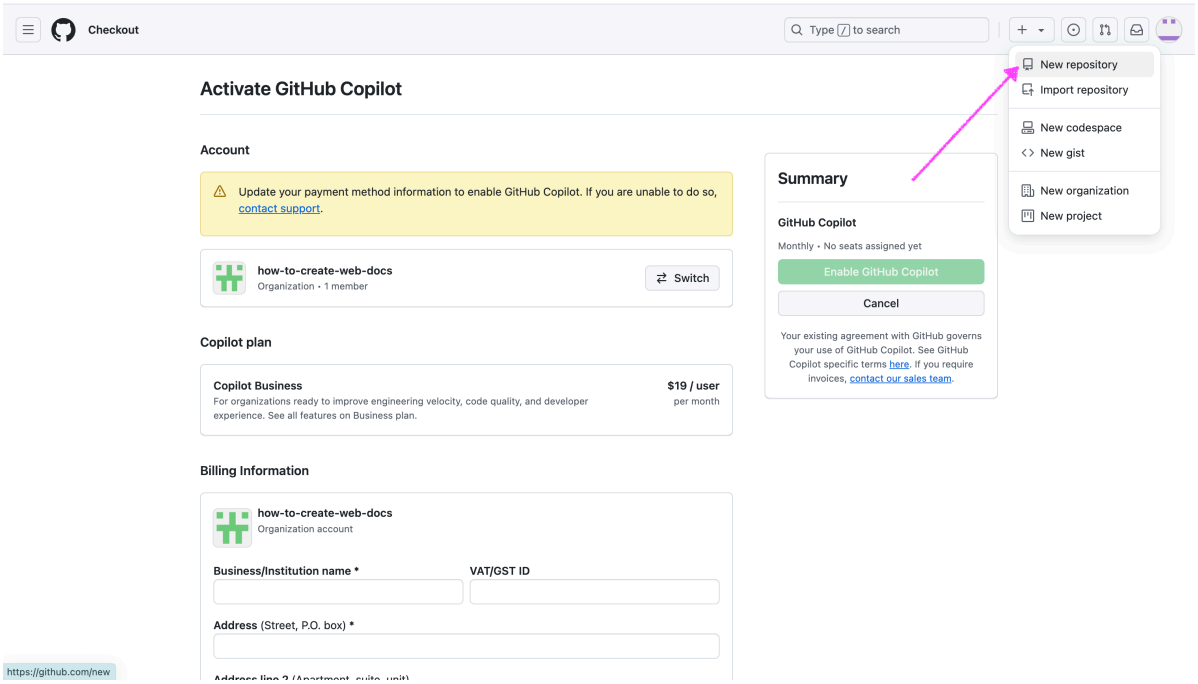


- Confirm the creation.

➤ The URL of your future site will be generated from the "Organization name" field and will follow this structure: https://[site-name].github.io/.

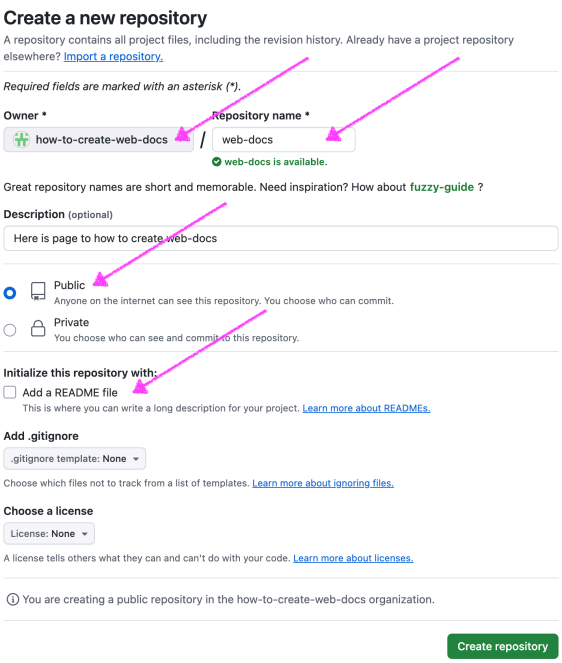
Step 2: Create a new repository

Create a repository:



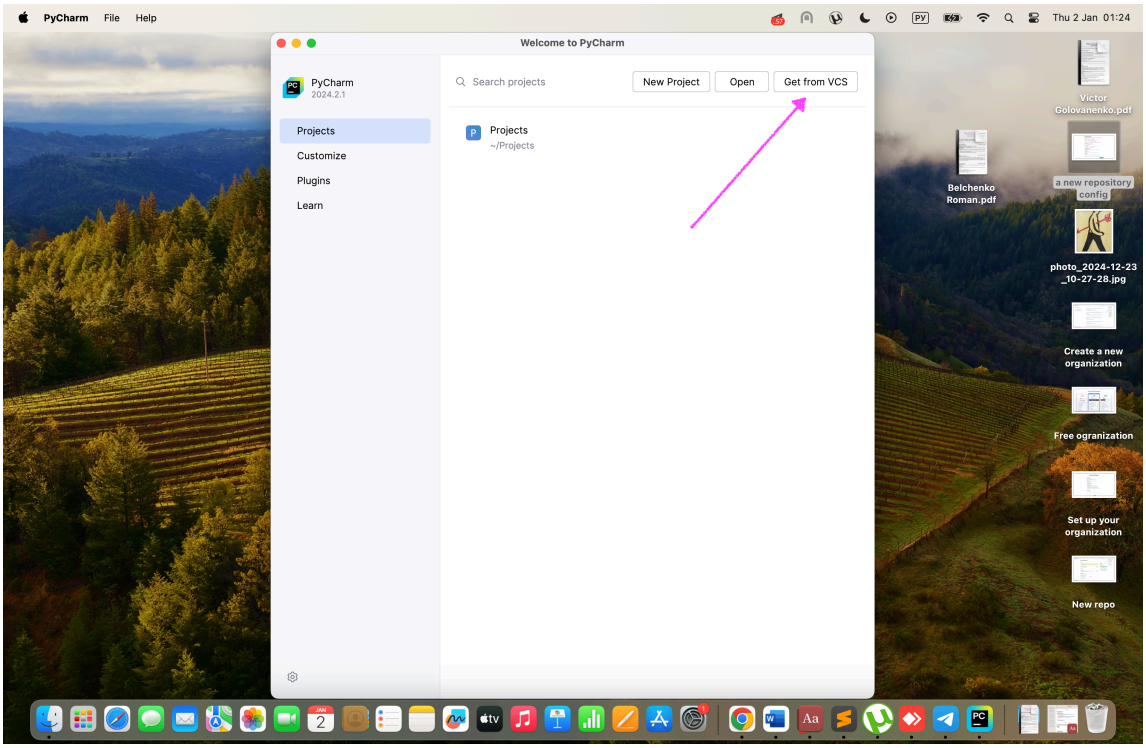
➤ Create a repository on behalf of the organization.

➤ Select public/empty (the repository should not contain, for example, README.md).

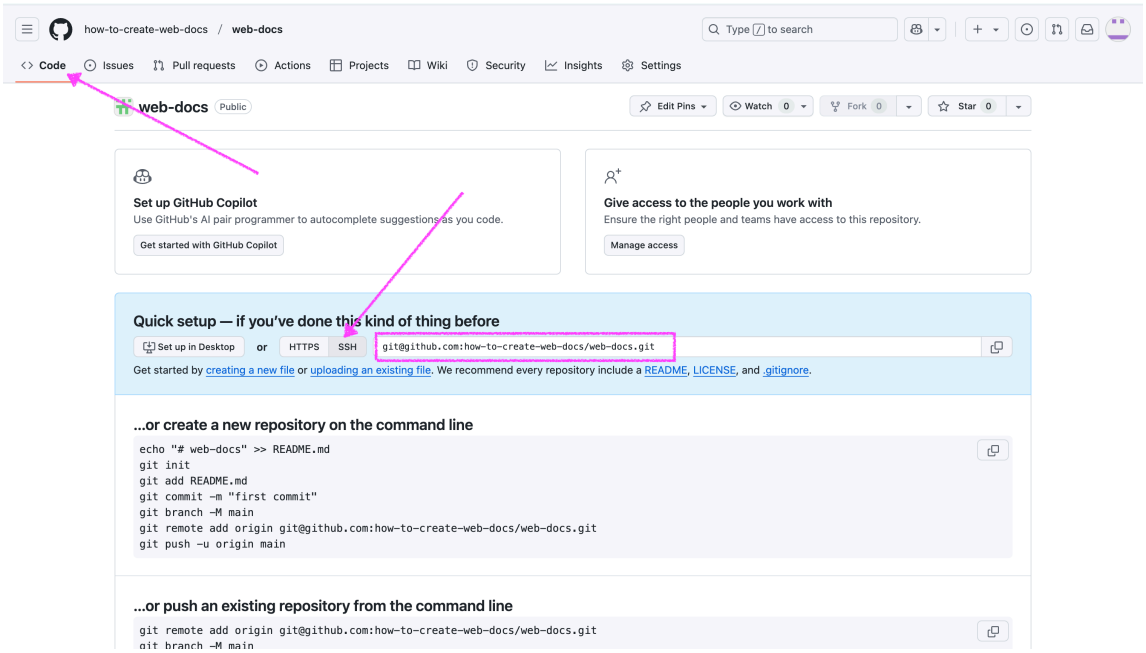


Clone the repository in PyCharm:

- Copy the repository URL (either HTTPS or SSH).
- In PyCharm, select "Clone Repository" or "Get from VCS".



- Copy the URL from your organization's page in GitHub (I choose SSH).



- Paste the URL and click "Clone".

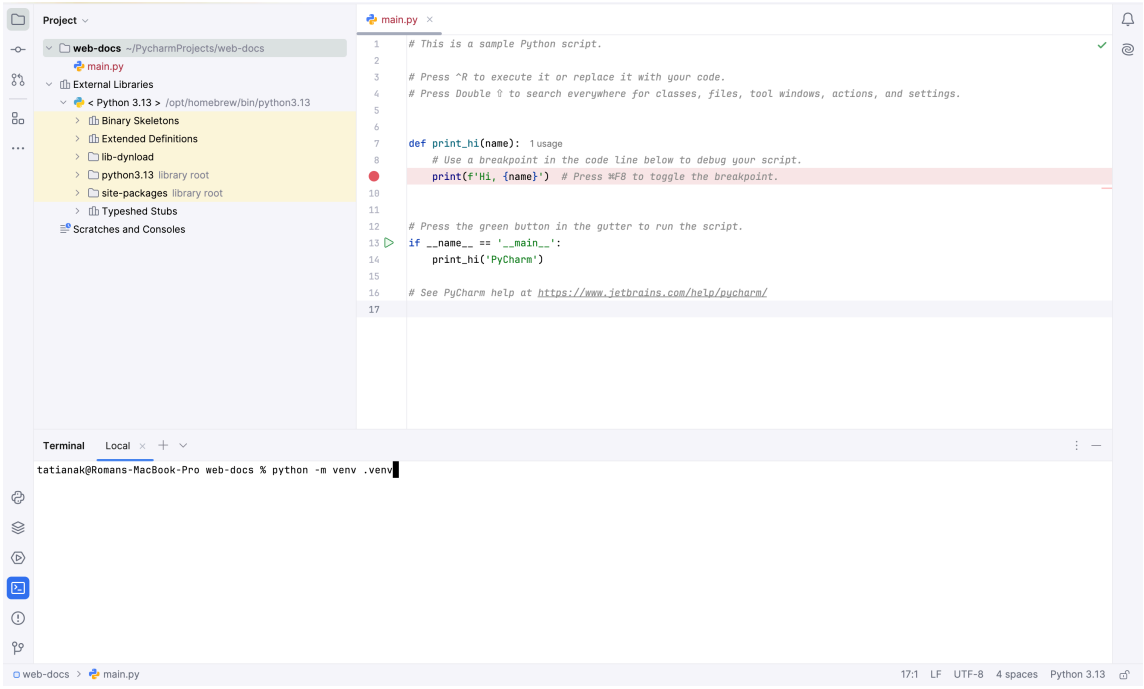
➤ If you choose SSH, make sure you have SSH settings configured. We'll discuss why this is more convenient in later posts.

- Click “Trust Project” in the window that opens.

Step 3: Setting up a virtual environment

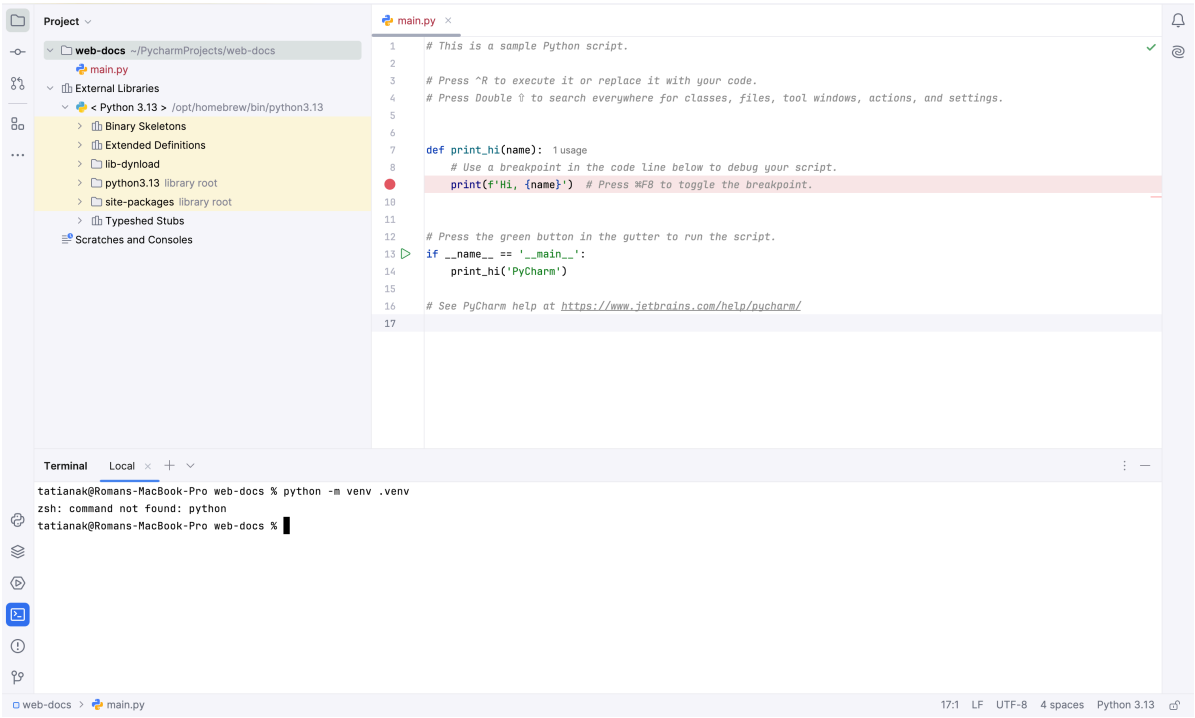
Create a virtual environment:

- Run the following command in the PyCharm terminal:

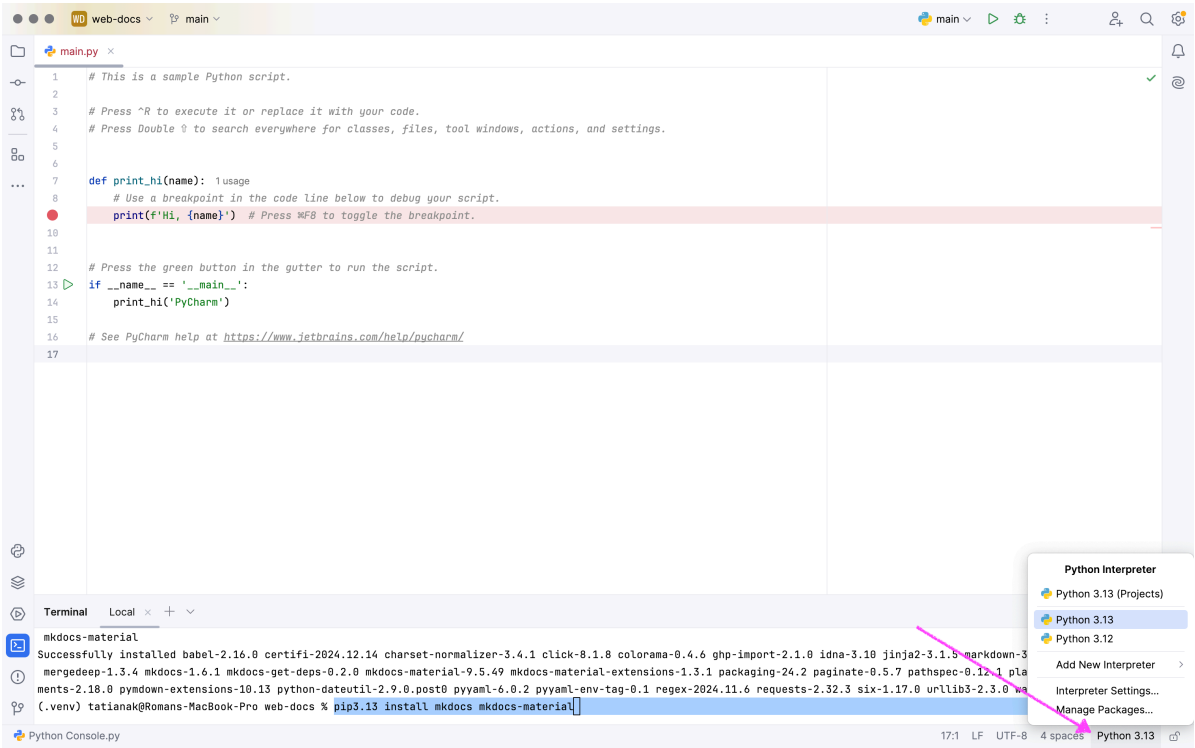



```
python -m venv .venv
```

➤ If you get a "command not found" error, check your installed Python version and adjust the command accordingly.



Your Python version:



For example, I used: `python3.13 -m venv .venv`

➤ You can see the PyCharm version in the lower right corner of the screen.

➤ Setting up a virtual environment helps avoid conflicts between packages in different projects.

➤ It's not possible to install two or more different versions of the same package in one environment. The solution is to create another environment.

Activate the environment:

- In the PyCharm terminal, run: `source .venv/bin/activate`

Step 4: Install MkDocs and the necessary packages

Install via pip:

- Run the following in the terminal: `pip install mkdocs mkdocs-material`

➤ If needed, specify the version with: `pip3.13 install mkdocs mkdocs-material`

- Alternatively, use the "Packages" toolbar in PyCharm.