

Assignment0 - Git

Before doing this assignment, you need to know the following git operations:

- **init** the git repo and connect to **remote** repo
- **add** and **commit** files
- **push** to the remote repo
- using GitHub

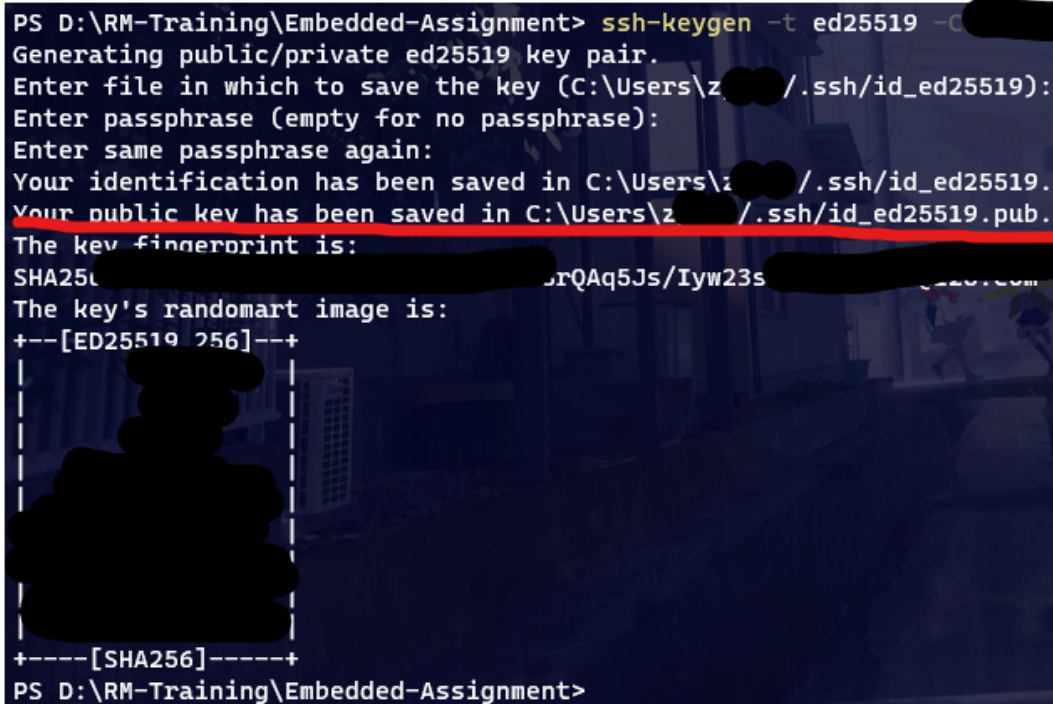
set up your local git

1. go to [here](#) to download your git client
2. run the following two line to config your local git

```
# remember to modify the email and name
git config --global user.email "you@example.com"
git config --global user.name "Your Name"
```

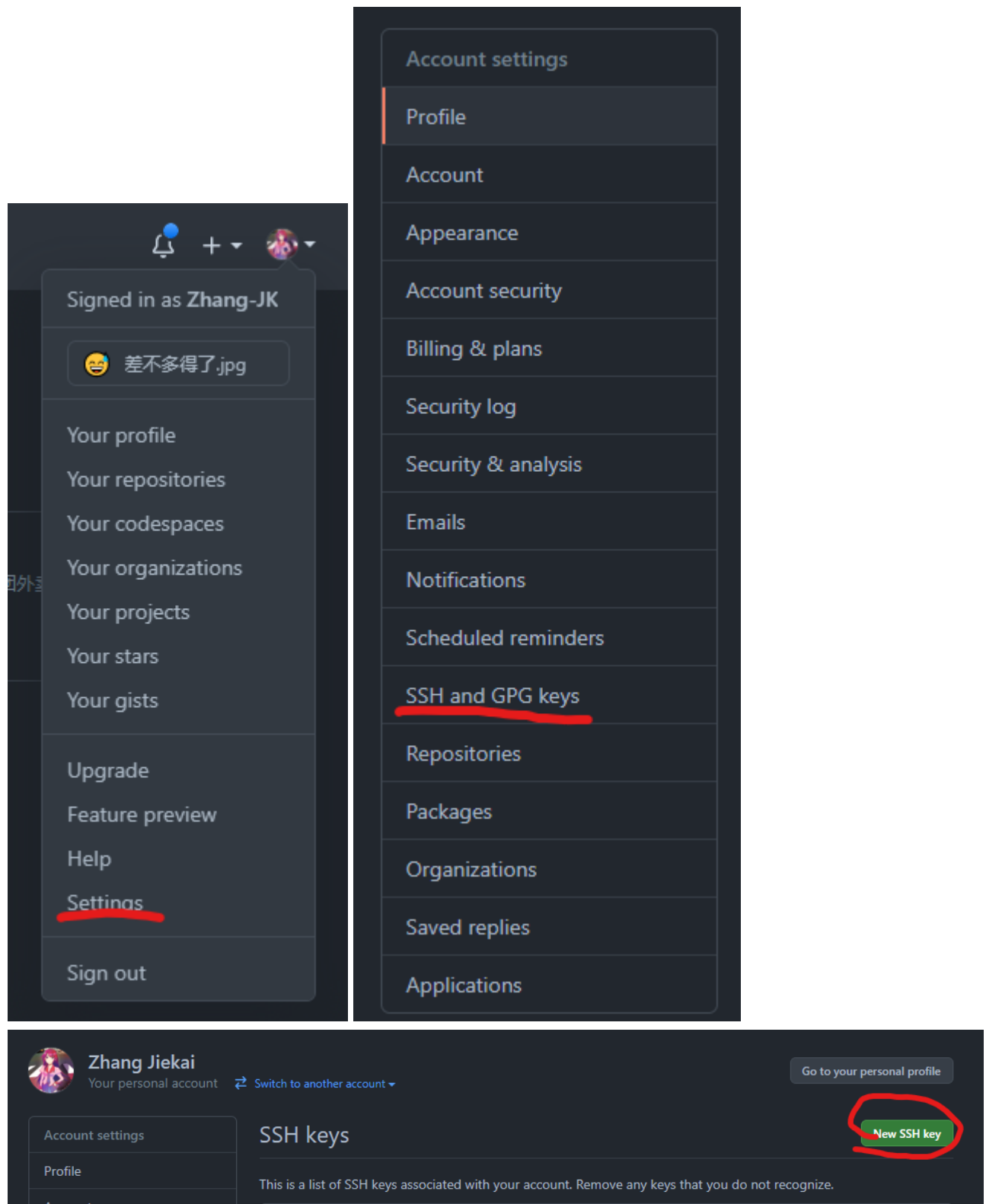
connect to GitHub

1. Generate the ssh key run this command: `ssh-keygen -t ed25519 -C "your_email@example.com"`
remember to modify the email
after you run the code it will tell you where is the generated file(see the image below)



```
PS D:\RM-Training\Embedded-Assignment> ssh-keygen -t ed25519 -C [redacted]
Generating public/private ed25519 key pair.
Enter file in which to save the key (C:\Users\z\ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\z\ssh/id_ed25519.
Your public key has been saved in C:\Users\z\ssh/id_ed25519.pub.
The key fingerprint is:
SHA256:[redacted]
The key's randomart image is:
+--[ED25519 256]--+
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+-----[SHA256]-----+
PS D:\RM-Training\Embedded-Assignment>
```

2. Copy your public key open the public key file and copy all things in it
3. Paste to GitHub go to settings -> SSH and GPG keys -> New SSH Key
set your own title and paste the public key there



If failed, please go through the following link and try again

- [Generating a new SSH key](#)
- [Adding SSH key to your GitHub account](#)

get the remote repo

1. Import our assignment repository and make it private (follow the image below)

The screenshot shows the GitHub 'Import your project to GitHub' interface. At the top, a red circle highlights the '+' icon in the user profile area, and a red line underlines the 'Import repository' option in the dropdown menu. The main form has several fields: 'Your old repository's clone URL' with the value 'https://github.com/hkustenterprize/RM2022-Embedded-Tutorial-Assignments' (annotated with a red arrow); 'Your new repository details' with 'Owner' set to 'Zhang-JK' and an empty 'Repository Name' field (annotated with a red arrow); and 'Privacy' settings where the 'Private' radio button is selected (annotated with a red arrow). At the bottom right, there are 'Cancel' and 'Begin import' buttons, with a red arrow pointing to the 'Begin import' button.

Import your project to GitHub

Import all the files, including the revision history, from another version control system.

Your old repository's clone URL

`https://github.com/hkustenterprize/RM2022-Embedded-Tutorial-Assignments`

Learn more about the types of [supported VCS](#).

Your new repository details

Owner * Repository Name *

Zhang-JK /

Privacy

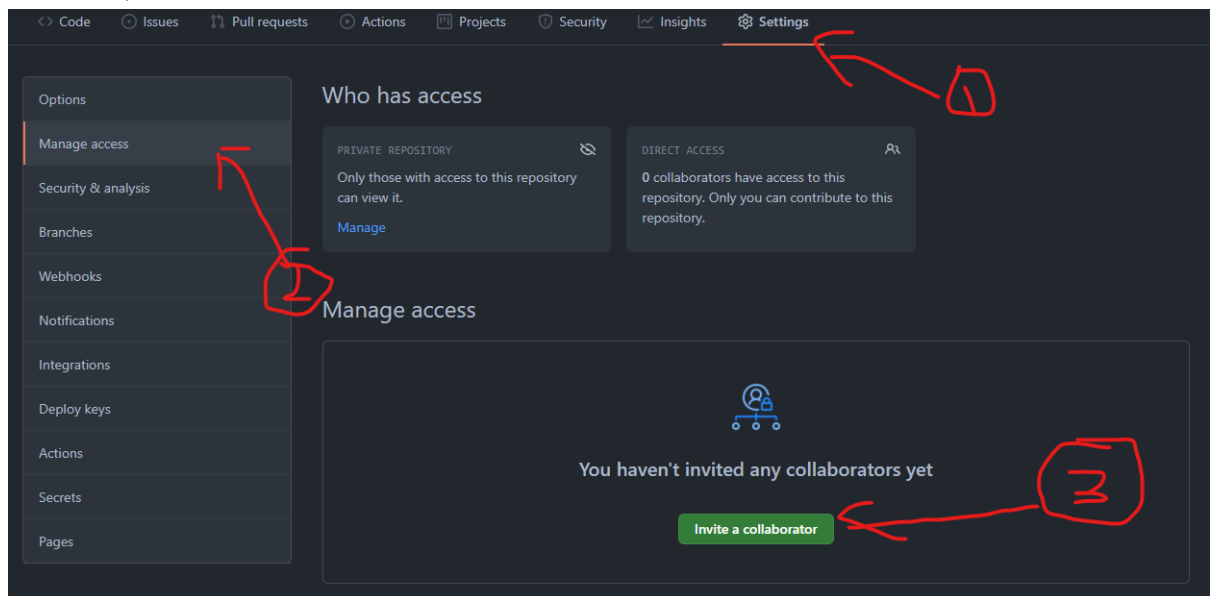
☐ **Public**
Anyone on the internet can see this repository. You choose who can commit.

☒ **Private**
You choose who can see and commit to this repository.

[Cancel](#) [Begin import](#)

2. Clone your own repo to local (or download zip)
3. Fill in your information in the README.md in root path
4. **Add the following TAs as a collaborator (IMOPRTANT!!!):**
 - [Zhang-JK](#)
 - [CHENGZ](#)

o IKEMURA, Kei



commit and push

- You need to submit all you code on github, and we will grade it.
- Please arrange your commits reasonably and attach appropriate commit message
- Push your code before DDL