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Generate keys

```
ssh-keygen-t rsa-b 4096
```

Press enter **Don't change the file path, leave it blank**

```
Generating public/private rsa key pair.  
Enter file in which to save the key (/root/.ssh/id_rsa):
```

Leave the passphrase blank and press enter

```
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /root/.ssh/id_rsa
Your public key has been saved in /root/.ssh/id_rsa.pub
```

```
cat /root/.ssh/id_rsa.pub
```

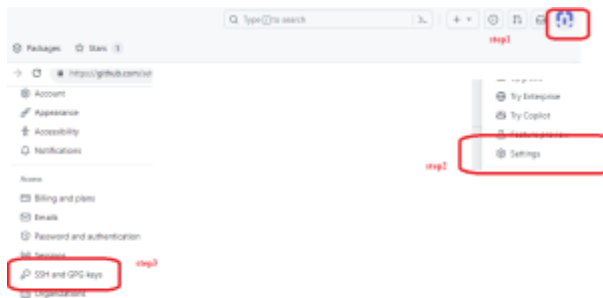
#copy the value, just select don't put any extra space

[illegible]

- o to: Settings-> SSH & GPG keys-> SSH Keys

Click 'New SSH key'

Title “Public repo-key”



Add keys



Configuring SSH for Git and push

Youtube link: [Navigation to pefrom lab](#)

This lab has three parts:

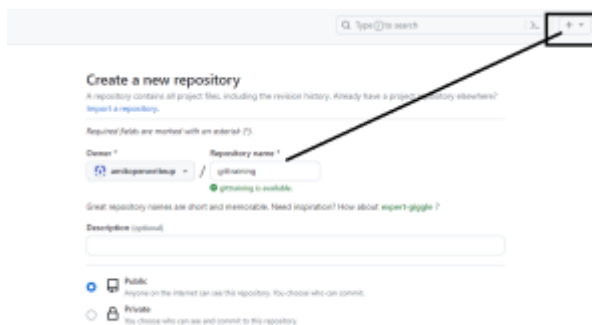
Part1: Create a github account

1. Go to github.com
2. In case you have existing github account please use or sign up for a new account
3. If you choose to sign up for a new account, click 'Sign up' at the top right
 1. Create a username. You might need to use a personal email address
 2. You will need to check your email and verify that your email address is real

Part2: creating repo on github

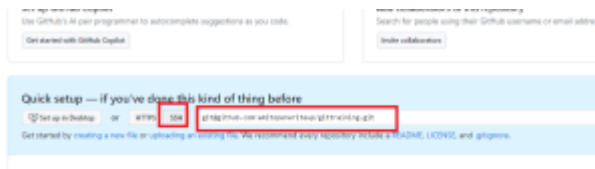
Create a private repository in your GitHub account called "gittraining"

- a. Name: repo-lab
- b. Choose 'Public'
- c. Do not initialize with a README
- d. Click the green 'Create Repository' button



Copy the SSH URL under 'Quick Setup'

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On your remote putty: in the my-repo directory:

Below are the example, please change the command as per your git repo

```
git branch -M main
```

```
git remote add origin git@github.com:amitopenwriteup/gittraining.git
```

```
git push -u origin main
```