

Exercise no 1:

Generating ssh key

```
Generating public/private ed25519 key pair.
Enter file in which to save the key (/home/subhashj/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/subhashj/.ssh/id_ed25519
Your public key has been saved in /home/subhashj/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:52yrH3CC80pyym3zl1/C6gf+C7CpNJ0HY4pICY4NgLo subhashbabu8901@gmail.com
The key's randomart image is:
+---[ED25519 256]---+
|
|o .
|o o .
|+ + S o
|++ + +.0
|E+ X +..oB .
|oo.*+* ++.=
|o +=+o.o+**.
```

```
subhashj@IGN-BLR-LP-0427:~$ cd /home/subhashj/.ssh
subhashj@IGN-BLR-LP-0427:~/.ssh$ ls
id_ed25519 id_ed25519.pub
subhashj@IGN-BLR-LP-0427:~/.ssh$ |
```

Public and private key

```
subhashj@IGN-BLR-LP-0427:~$ cd /home/subhashj/.ssh
subhashj@IGN-BLR-LP-0427:~/.ssh$ ls
id_ed25519 id_ed25519.pub
subhashj@IGN-BLR-LP-0427:~/.ssh$ |
```

Updating ssh key in server

The screenshot shows a web browser window displaying the GitHub 'SSH and GPG keys' settings page for the user 'subhash910'. The page has a yellow banner at the top asking the user to verify their email address. Below this, there is a sidebar with navigation links for 'Public profile', 'Account', 'Appearance', 'Accessibility', 'Notifications', 'Access', 'Billing and plans', 'Emails', and 'Password and authentication'. The main content area is titled 'SSH keys' and contains a list of SSH keys associated with the account. One key is listed with the title 'my_git', a SHA256 fingerprint, and a 'Delete' button. A 'New SSH key' button is visible in the top right corner of the SSH keys section.

Exercise No 2;

```
subhashj@IGN-BLR-LP-0427:~/git$ git config --global user.name subhash910
subhashj@IGN-BLR-LP-0427:~/git$ git config --global user.email subhashbabu8901@gmail.com
subhashj@IGN-BLR-LP-0427:~/git$ git config --list
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=subhash910
user.email=subhashbabu8901@gmail.com
subhashj@IGN-BLR-LP-0427:~/git$ |
```

Exercise no 3 :

```
subhashj@IGN-BLR-LP-0427:~/git$ git init
Initialized empty Git repository in /home/subhashj/git/.git/
subhashj@IGN-BLR-LP-0427:~/git$ git clone https://github.com/subhash910/training.git
Cloning into 'training'...
warning: You appear to have cloned an empty repository.
subhashj@IGN-BLR-LP-0427:~/git$ |
```

Exercise no 4 :

```
subhashj@IGN-BLR-LP-0427:~/git/training$ git init
Reinitialized existing Git repository in /home/subhashj/git/training/.git/
subhashj@IGN-BLR-LP-0427:~/git/training$ git remote add origin https://github.com/subhash910/training.git
fatal: remote origin already exists.
subhashj@IGN-BLR-LP-0427:~/git/training$ git remote -v
origin https://github.com/subhash910/training.git (fetch)
origin https://github.com/subhash910/training.git (push)
subhashj@IGN-BLR-LP-0427:~/git/training$ git add .
error: 'training/' does not have a commit checked out
fatal: adding files failed
subhashj@IGN-BLR-LP-0427:~/git/training$ git init
Reinitialized existing Git repository in /home/subhashj/git/training/.git/
subhashj@IGN-BLR-LP-0427:~/git/training$ git remote -v
origin https://github.com/subhash910/training.git (fetch)
origin https://github.com/subhash910/training.git (push)
subhashj@IGN-BLR-LP-0427:~/git/training$ git add .
error: 'training/' does not have a commit checked out
fatal: adding files failed
subhashj@IGN-BLR-LP-0427:~/git/training$ ls
'Exercise 8.pdf' 'exercise no 2.pdf' 'Exercise no 6.pdf' training
'Exercise no 1.pdf' 'Exercise no 3.pdf' New.pdf
subhashj@IGN-BLR-LP-0427:~/git/training$ git add New.pdf
subhashj@IGN-BLR-LP-0427:~/git/training$ git commit -m "Myfiles"
[master (root-commit) eb239ea] Myfiles
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 New.pdf
subhashj@IGN-BLR-LP-0427:~/git/training$ |
```