

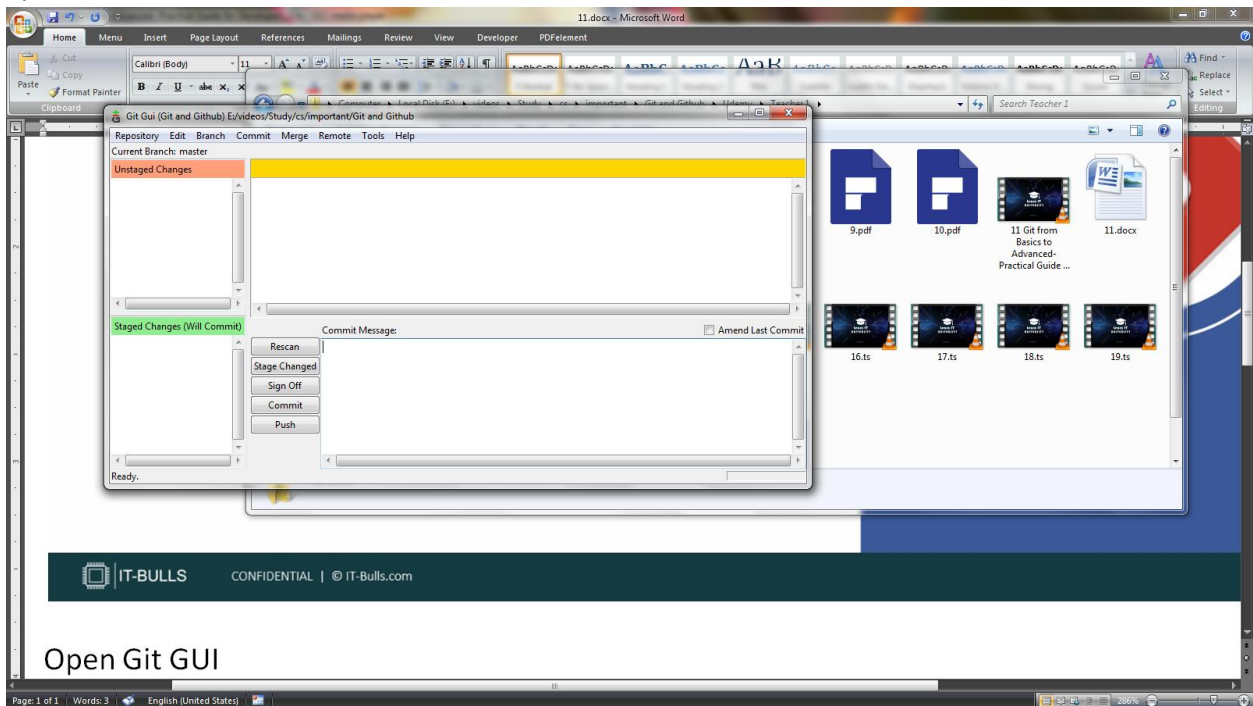
## AGENDA

### Today we will learn:

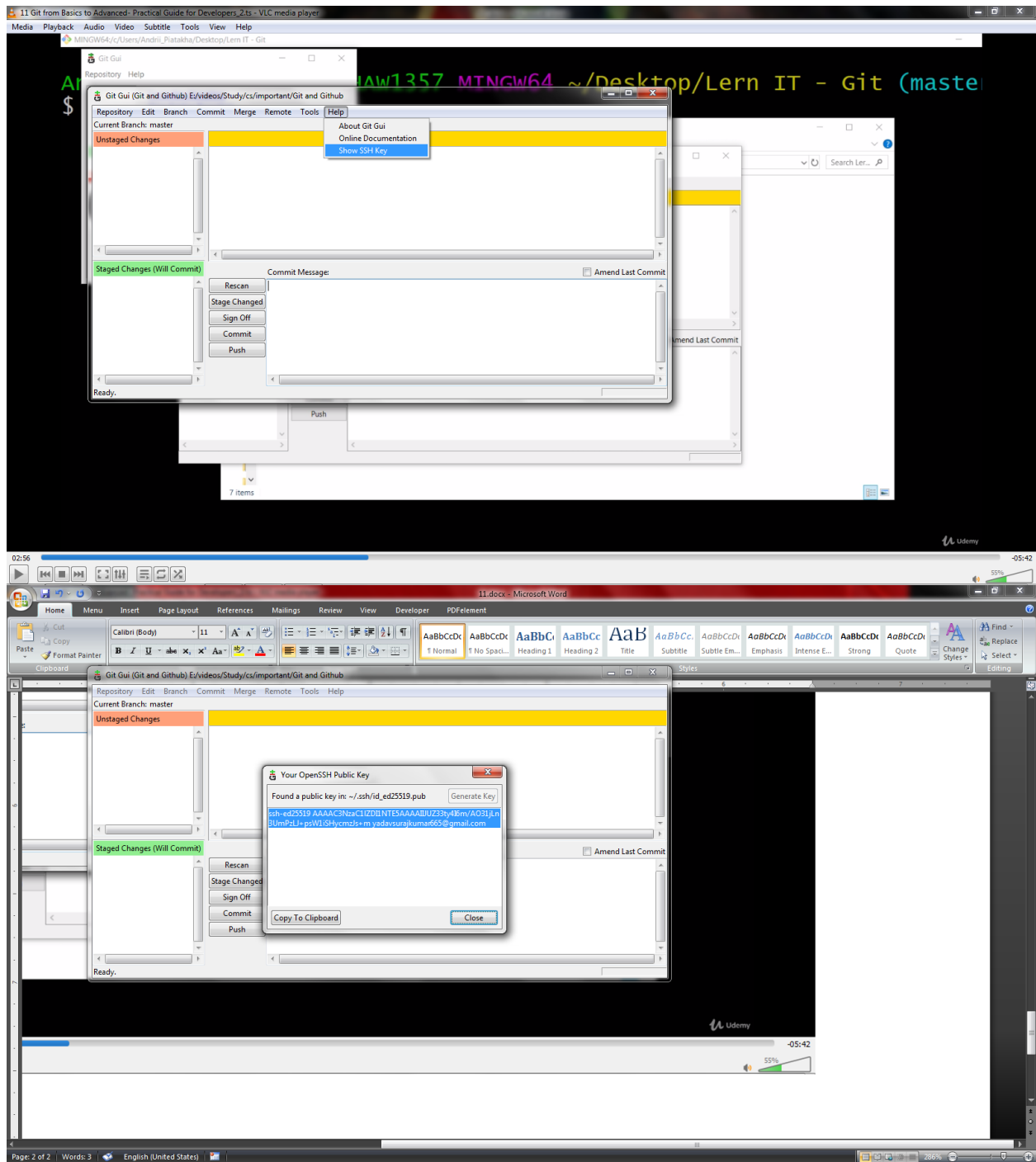
- What is SSH protocol
- When we need to use SSH
- SSH Keys
- How to generate SSH keys
- How to configure git repository
- Known hosts
- Changing remote repository



## Open Git GUI



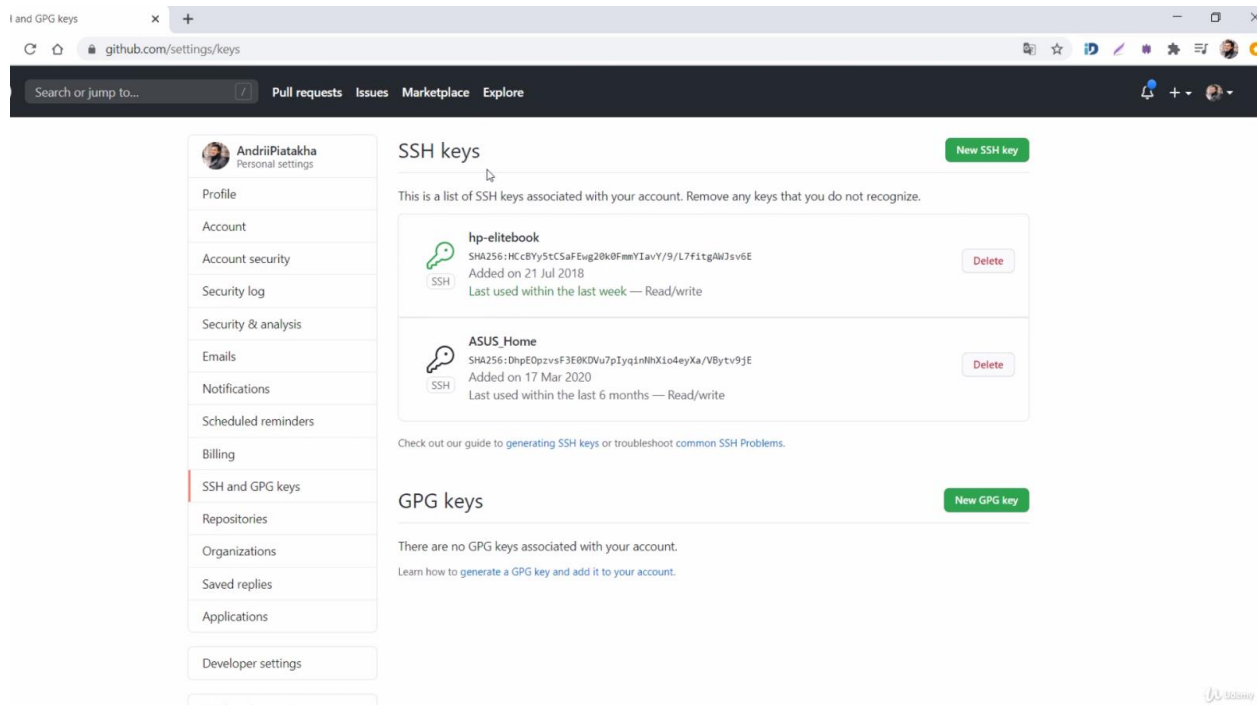
## Open Git GUI



it shows the already generated SSH keys, and if not press generate SSH keys

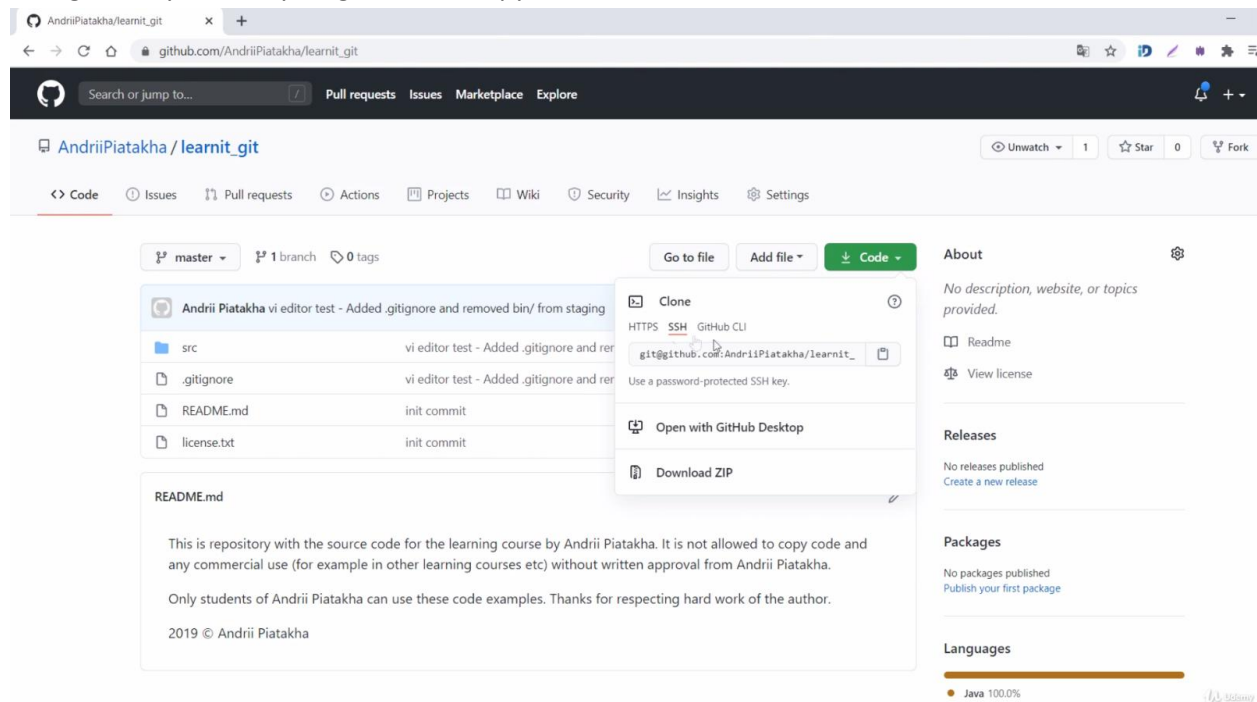
It also asks for a passphrase (similar like enter a word if you forget your password). If you don't want any passphrase just press enter without entering anything in the dialog box.

Now, open github → settings → SSH & GPG keys



Click on new SSH key and give any title and paste the newly generated SSH Keys

Now go to any directory on github and copy the SSH link as shown below



and then set the above as remote

MINGW64/c/Users/Andrii\_Piatakha/Desktop/Lern IT - Git

```
Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (maste
$ git remote -v
origin  https://github.com/AndriiPiatakha/learnit_git.git (fetch)
origin  https://github.com/AndriiPiatakha/learnit_git.git (push)

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (maste
$ git remote set-url origin git@github.com:AndriiPiatakha/learnit_g
git

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (maste
$ git remote -v
origin  git@github.com:AndriiPiatakha/learnit_git.git (fetch)
origin  git@github.com:AndriiPiatakha/learnit_git.git (push)

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (maste
$
```

To push files on already created git repository i.e. updating the repository type → “**git push origin master**”. Note: we don’t use ‘-u’ here, it means git repository knows the this master branch is already connected to the git remote location.