1 Installing Ubuntu subsystem on windows.

Open Microsoft Store from Windows Start Menu and search for Ubuntu.

A screenshot of a computer

Description automatically generated

Select Ubuntu 20 and click on get.

A screenshot of a computer

Description automatically generated

Once it is installed, you can access it from start menu.

2. Installing Git on your Windows laptop

Download git from the following url

<https://git-scm.com/download/win>

Install with 64bit.

Once installed you can access it from Startmenu

3. Installing Git on Ubuntu Linux

Install git with the flowing command

sudo-apt-get install git

4. Configuring Git Environment on both Linux and Windows

git config --global user.name "username"

git config --global user.email "user\_email"

By using the above commands provide your name and email on both the Git environments. Prefer to provide different names and emails on Windows Git Bash and Ubuntu.

5. Create ssh keys in git.

Goto default directory -> $ cd ~ [ from default directory run the below commands]

$ssh-keygen [generate ssh keys, do not provide any names. Just hit enter at every step]

[ id\_rsa & id\_rsa.pub will be created in default directory]

eval "$(ssh-agent -s)" [enable ssh agent]

ssh-add ~/.ssh/id\_rsa [add your SSH private key to the ssh-agent, id\_rsa is the name of private key]

Now add the public key to Github

Goto .ssh directory in your default directory

$cat id\_rsa.pub to display the key. Copy that key and paste in GitHub->Settings->SSHKeys