1) ssh-keygen -t rsa -C [shailesh.singh@wolterskluwer.com](mailto:shailesh.singh@wolterskluwer.com)

-t rsa is the encryption used to create a keygen

-C “email ID ” is the email ID associated with the ssh

o/p

Generating public/private rsa key pair.

Enter file in which to save the key (/c/Users/shailesh.singh/.ssh/id\_rsa):

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /c/Users/shailesh.singh/.ssh/id\_rsa

Your public key has been saved in /c/Users/shailesh.singh/.ssh/id\_rsa.pub

The key fingerprint is:

SHA256:qdHHZMY6jtiaI+yFxZNDvCushn6qZk+ewqht0ytNyoI shailesh.singh@wolterskluwer.com

The key's randomart image is:

+---[RSA 3072]----+

| |

| . . |

| o = |

| o o . B |

| B . S o |

| . o.\* = o |

|=o+\*+ + . |

|EO@+=o |

|@\*BB+o |

+----[SHA256]-----+

2) eval "$(ssh-agent -s)"

o/p

Agent pid 1082

3) ~/.ssh/config

o/p

bash: /c/Users/shailesh.singh/.ssh/config: No such file or directory

4) touch ~/.ssh/config

5) vim ~/.ssh/config

Edit and save as:

Host \*

AddKeysToAgent yes

IdentityFile ~/.ssh/id\_rsa

6) ssh-add ~/.ssh/id\_rsa

o/p:

Identity added: /c/Users/shailesh.singh/.ssh/id\_rsa ([shailesh.singh@wolterskluwer.com](mailto:shailesh.singh@wolterskluwer.com))

7) cat ~/.ssh/id\_rsa.pub

o/p:

ssh-rsa  shailesh.singh@wolterskluwer.com

Add this to the SSH key on UI

8) ssh -T [git@github.com](mailto:git@github.com)

o/P: Hi usingsr! You've successfully authenticated, but GitHub does not provide shell access.

9) git clone [git@github.com:usingsr/SSDevops.git](mailto:git@github.com:usingsr/SSDevops.git)

o/P: Cloning into 'SSDevops'...

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (6/6), done.

10) cd SSDevops

11) git remote -v

o/p:

origin git@github.com:usingsr/SSDevops.git (fetch)

origin git@github.com:usingsr/SSDevops.git (push)

12) git add -A

13) git status

14) git commit -a -m "first commit"

\*o/p:

[main af43da4] first commit

Committer: Singh <Shailesh.Singh@wolterskluwer.com>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly:

git config --global user.name "Your Name"

git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+)

create mode 100644 test1.txt

15) git status

16) git push origin main

o/p:

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 8 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 293 bytes | 146.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To github.com:usingsr/SSDevops.git

32377a4..af43da4 main -> main