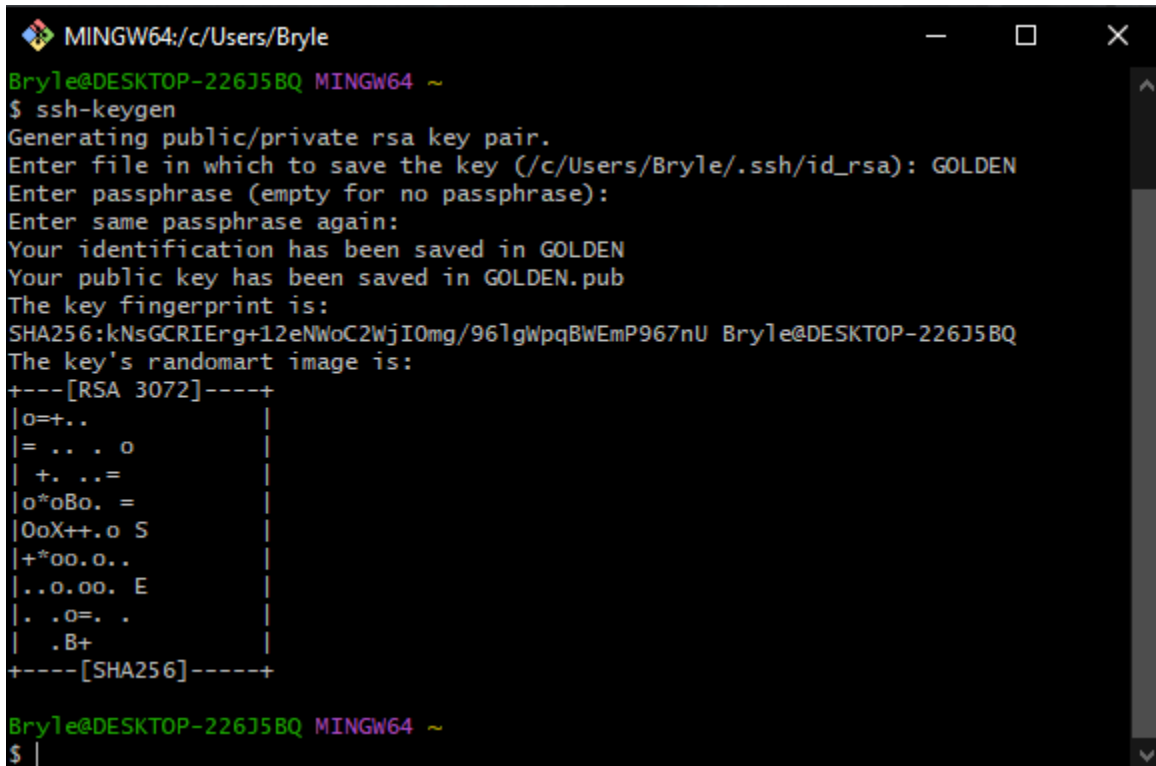


KodeGo Batch: 37

Assignment

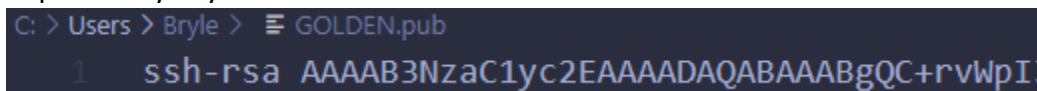
SSH Connection Hands On Observation

1. Command: **ssh-keygen** – this will allow me to generate the public and private key.



```
MINGW64:/c/Users/Bryle
Bryle@DESKTOP-226J5BQ MINGW64 ~
$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Bryle/.ssh/id_rsa): GOLDEN
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in GOLDEN
Your public key has been saved in GOLDEN.pub
The key fingerprint is:
SHA256:kNsGCRIErg+12eNWoC2WjIOmg/96lgWpqBWEmp967nU Bryle@DESKTOP-226J5BQ
The key's randomart image is:
+---[RSA 3072]-----+
|o=+..|
|= .. . o|
| +. ..=|
|o*oBo. =|
|OoX++o S|
|+*oo.o..|
|..o.oo. E|
|. .o=. .|
|.B+|
+-----[SHA256]-----+
Bryle@DESKTOP-226J5BQ MINGW64 ~
$ |
```

2. I opened my key in visual studio.



```
C: > Users > Bryle > GOLDEN.pub
1 ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGC+rWpI...
```

- SSH key setup in GitHub.

SSH keys / Add new

Title

Key type

Authentication Key ↕

Key




```
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQGC+nWpIJ42roMASFCyWnEMmsTQ7VI/oEMWUYNMFnNYI/p8BKIHZMM68ZPD
pL59APFhkZYVyrPQTXThf19LGk3qEVdvnU73hMJK8352Kd0Ppj3zfiKRXYjiU1xch3hTWIIILzZV7vKLRhR0V4jZTwC7/4l85Drid
QtrPLtmnYow4PteGihAhVh3SrEH41WKMqBtQTFqLxQdALo5L5T/LjlgVwiZovkDvheB21BTLwc82jJENqmWR9TqWZ7aQACb
KdSvEXWHlgHso+Q6mci9ovImDW+QlXpCVCTJtzHLq+jOAolJJuLYIVe+n9sDXBUa+5tdsl3sXy/BdMvl1mQmxcps2oCDIm4g
OdHE6kvJnF2/UsdeyQYgfw+nkx2YqwbicCEybvhoa86tCyuj6/F4YPnhf5Kdyx9AlVfduGoGL0mleMUp73wFTrmPQ4lz71HvRv
Kz8rhkqZ4ywbZt8uY4ltile13ICT8GOh6Z9z4ZrNRSarrKmPV4ttctghm7yIOqs= Bryle@DESKTOP-226J5BQ
```

Add SSH key

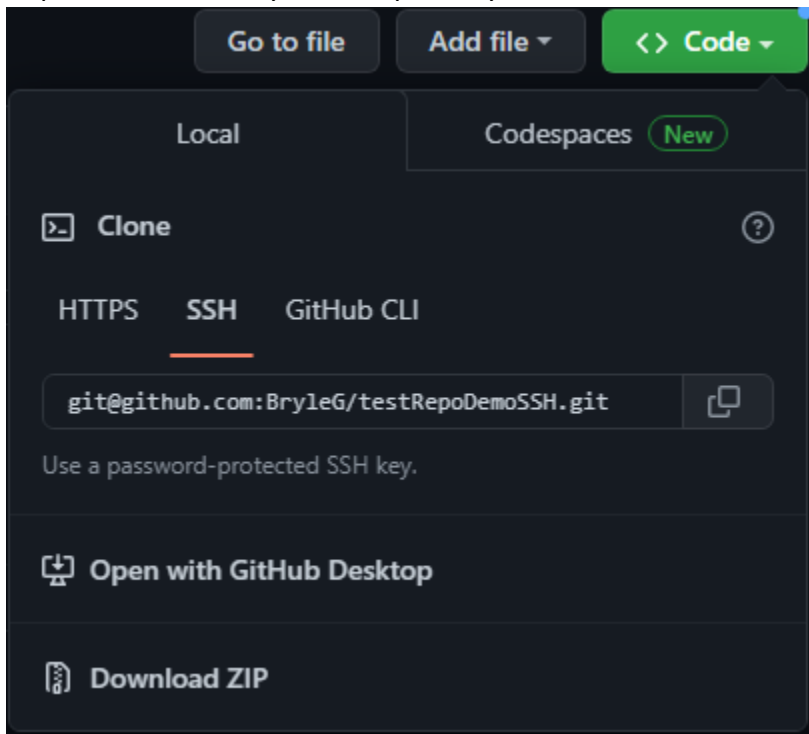
- Added a new repository in GitHub.

Top Repositories

New

-  alfrenJames/WD37FullStack
-  BryleG/testRepoDemoSSH
-  BryleG/For_My_Future

5. Copied the link of my SSH's repository.



6. Added an SSH name in my git bash console.

```
MINGW64:/c/Users/Bryle/Desktop

Bryle@DESKTOP-226J5BQ MINGW64 ~/Desktop
$ eval `ssh-agent`
Agent pid 1427

Bryle@DESKTOP-226J5BQ MINGW64 ~/Desktop
$ ssh-add ~/GOLDEN
Identity added: /c/Users/Bryle/GOLDEN (Bryle@DESKTOP-226J5BQ)

Bryle@DESKTOP-226J5BQ MINGW64 ~/Desktop
$ |
```

7. Finally, I checked the connection if it is working and then I cloned the repository by using "git clone [ssh link]"

```
MINGW64:/c/Users/Bryle/Desktop

Bryle@DESKTOP-226J5BQ MINGW64 ~/Desktop
$ eval `ssh-agent`
Agent pid 1427

Bryle@DESKTOP-226J5BQ MINGW64 ~/Desktop
$ ssh-add ~/GOLDEN
Identity added: /c/Users/Bryle/GOLDEN (Bryle@DESKTOP-226J5BQ)

Bryle@DESKTOP-226J5BQ MINGW64 ~/Desktop
$ git clone git@github.com:BryleG/testRepoDemoSSH.git
Cloning into 'testRepoDemoSSH'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

Bryle@DESKTOP-226J5BQ MINGW64 ~/Desktop
$ |
```

8. The result is that I finally cloned the repository of my GitHub to my Desktop.

