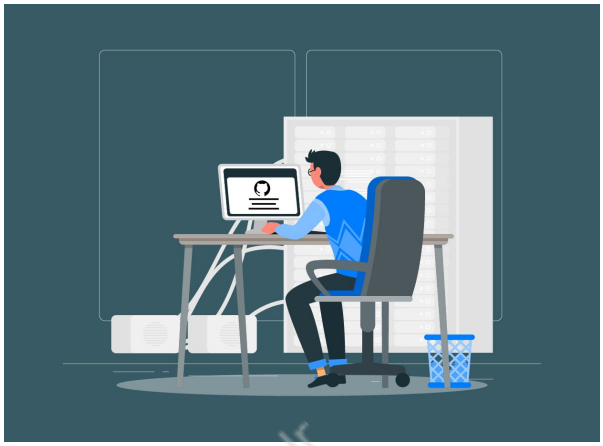
PRO-C26

WhiteHat Jr
Live Online Coding for Kids

GIT AND GITHUB



What is our GOAL for this MODULE?

We used our knowledge to use Git from the command line.

What did we ACHIEVE in the class TODAY?

- Installed command line Git and Git bash.
- Cloned the activity repository.
- Made some changes to the code and committed these changes to a remote repository.

Which CONCEPTS/ CODING BLOCKS did we cover today?

- Git and Git bash.
- Committing changes to GitHub from command line.

WhiteHat Jr + WhiteHat Jr + WhiteHat Jr

© 2019 The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

How did we DO the activities?

1. Install a tool called Git to keep track of all the changes in the code.

2. Create a new directory/folder in any location using 'mkdir' command. Clone the project.

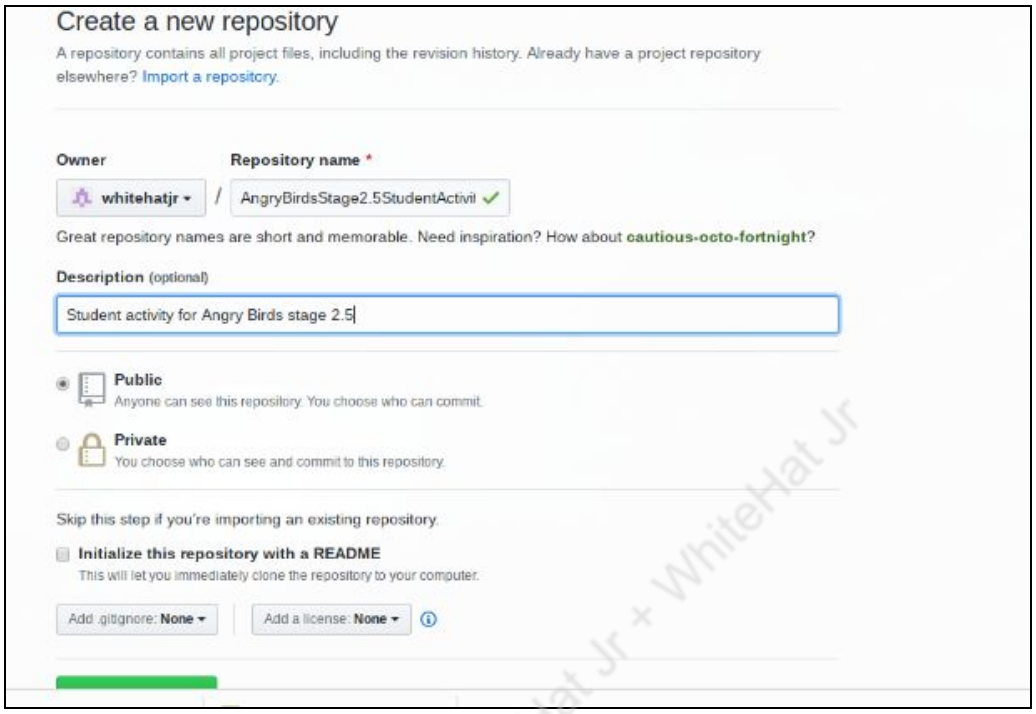
```
user@DESKTOP-TBD28BN MINGW64 ~
$ cd Downloads

user@DESKTOP-TBD28BN MINGW64 ~/Downloads
$ git clone https://github.com/whitehatjr/angryBirdsStage2.git
Cloning into 'angryBirdsStage2'...
remote: Enumerating objects: 38, done.
remote: Total 38 (delta 0), reused 0 (delta 0), pack-reused 38
Receiving objects: 100% (38/38), 2.54 MiB | 1.13 MiB/s, done.
Resolving deltas: 100% (10/10), done.
```

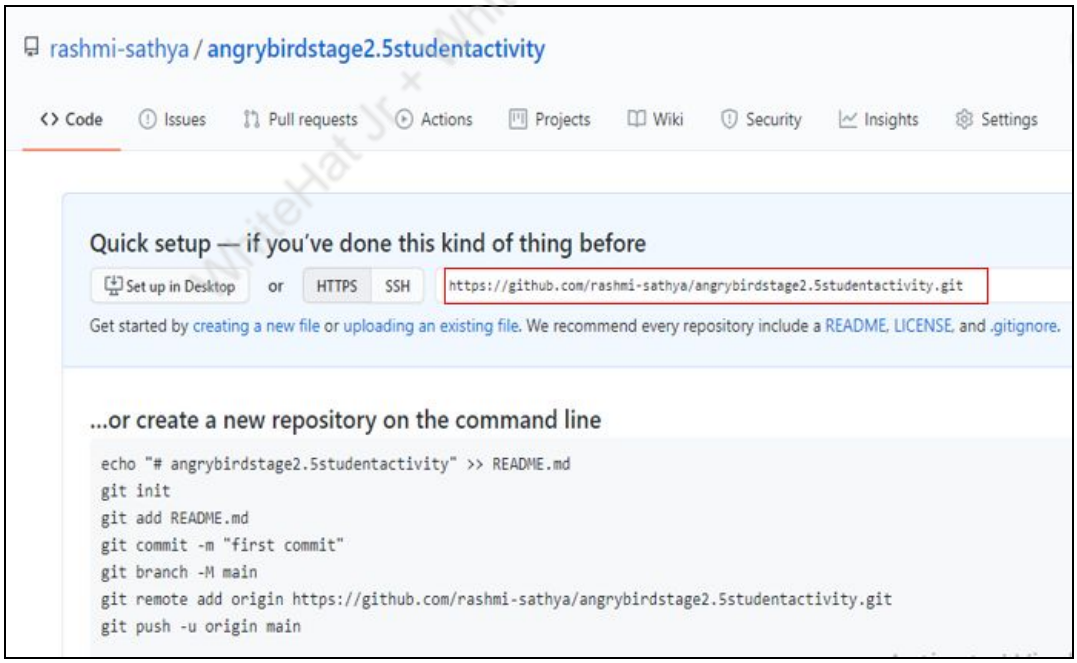
3. Add the file and commit the changes done.

```
MINGW64:/c/Users/user/downloads/project/angryBirdsStage2

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'user@DESKTOP-TBD28BN.(none)')

user@DESKTOP-TBD28BN MINGW64 ~/downloads/project/angryBirdsStage2 (master)
$ git config --local user.email "rashmi.whitehatjr.com"

user@DESKTOP-TBD28BN MINGW64 ~/downloads/project/angryBirdsStage2 (master)
$ git config --local user.name "rashmi"

user@DESKTOP-TBD28BN MINGW64 ~/downloads/project/angryBirdsStage2 (master)
$ git commit -m "add platform"
[master b607d41] add platform
 1 file changed, 2 insertions(+), 1 deletion(-)

user@DESKTOP-TBD28BN MINGW64 ~/downloads/project/angryBirdsStage2 (master)
```

© 2019 The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

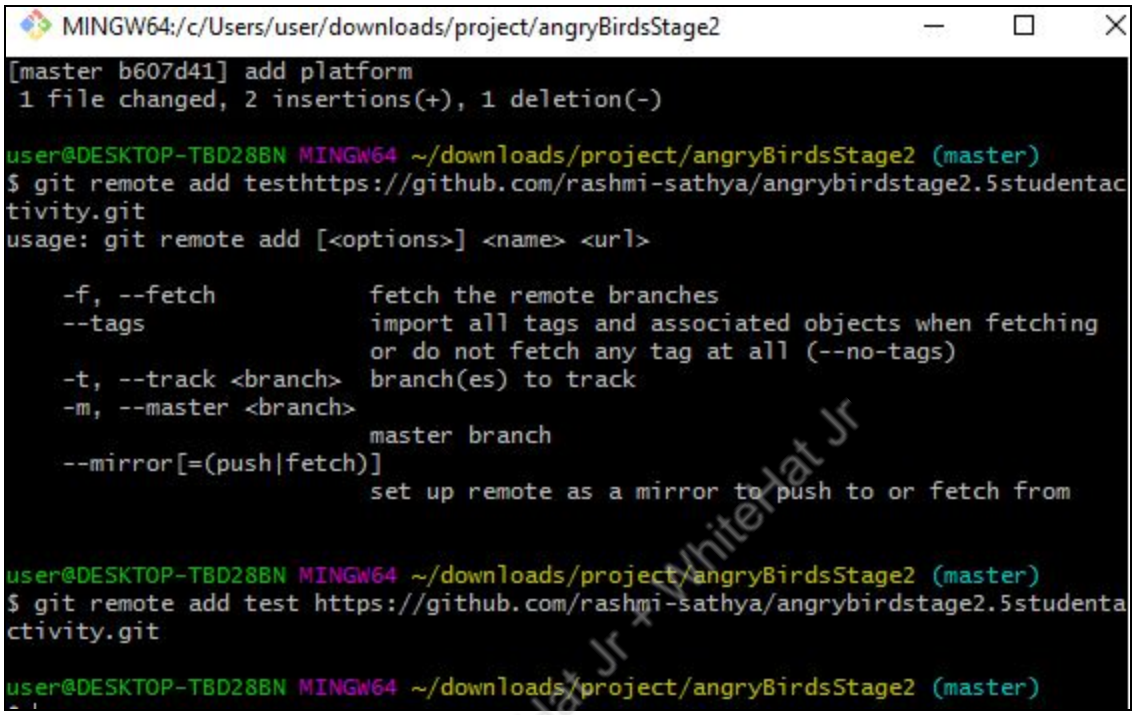
4. Create an empty remote GitHub repository.



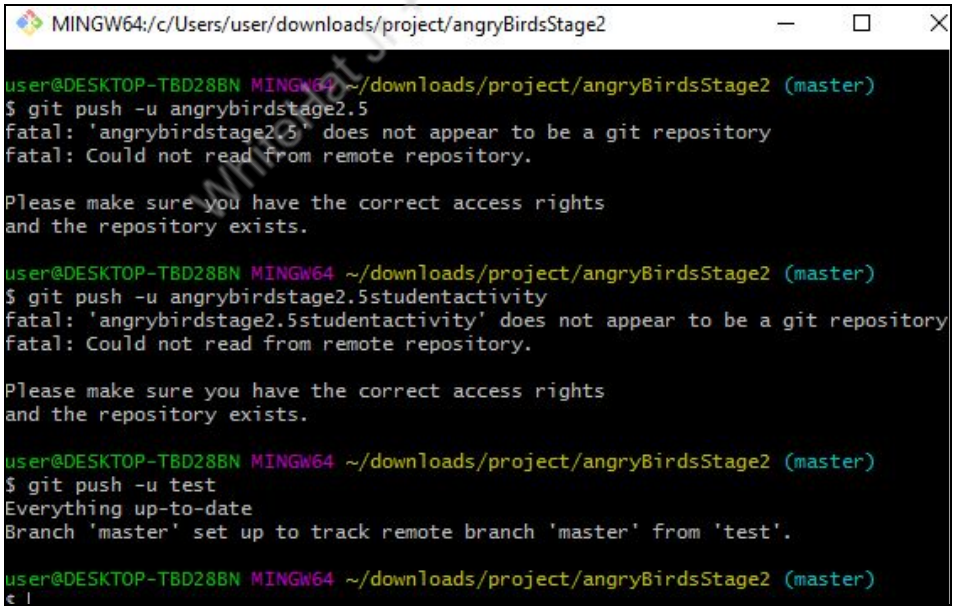


© 2019 The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

5. Associate the working directory on our Git bash shell to the remote repository.

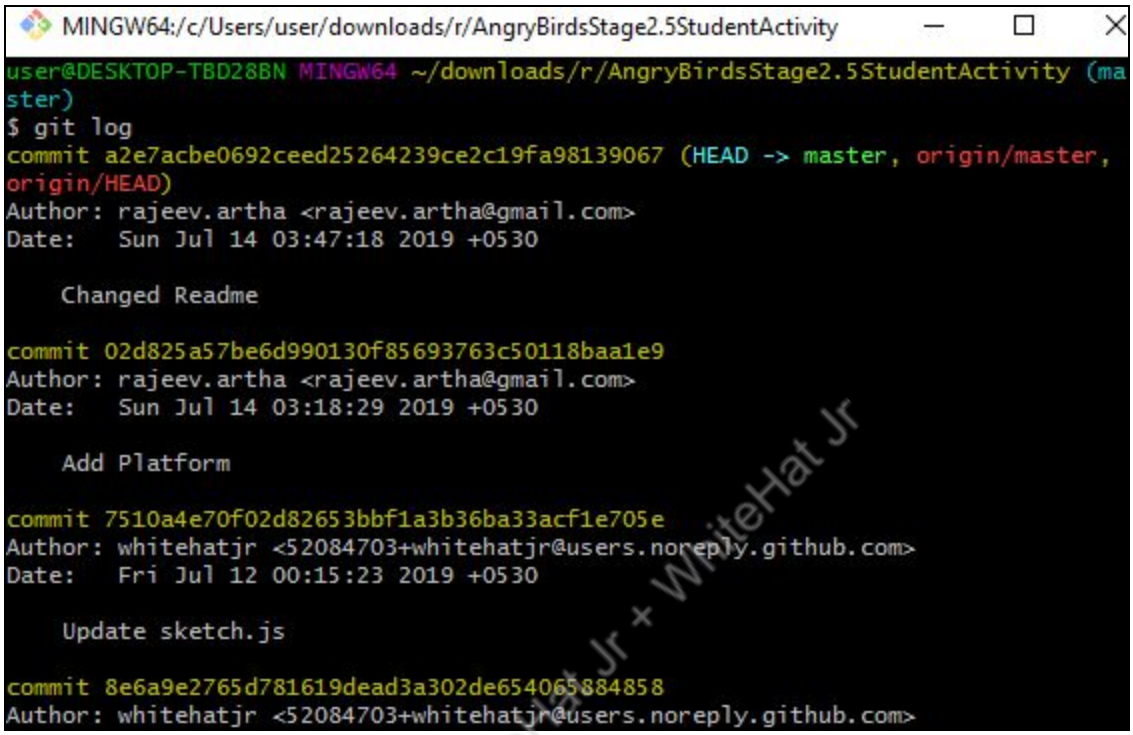


6. Push files to a remote repository.



© 2019 The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

7. See all the commits ever made on the repository by typing the command "Git log".



What's NEXT?

In the next class, you will be learning about constrained bodies.

EXTEND YOUR KNOWLEDGE:

1. Know more about Git and push to GitHub: https://opensource.com/article/18/1/step-step-guide-git

© 2019 The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.