



Lesson 5: Tax Calculator Setup Workspace

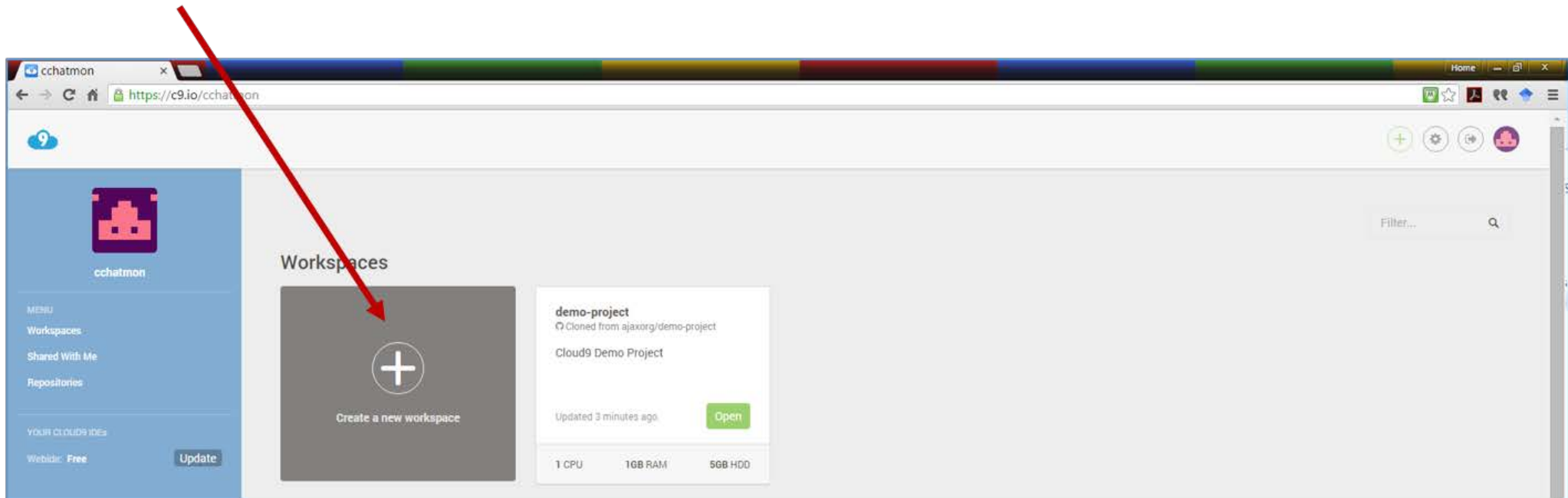
Setup Workspace - 6 STEPS

- **Step #1: Setup a new workspace in Cloud9**
- **Step #2: Move files to the local repository in Cloud9**
- **Step #3: Connect Cloud9 Account to GitHub Account**
- **Step #4: Create a new remote repository in GitHub**
- **Step #5: Push files to the Remote Repository (GitHub)**
- **Step #6: Verify!**

Step #1: Setup a new workspace in Cloud9

Create a new workspace in Cloud9 for Lesson 5:

Click the **(+)** symbol to create a new workspace.



Step #1: Setup a new workspace in Cloud9

Add the workspace details for Lesson 5:

Step 1. Give the workspace the following name:

yourLastName_lesson5_javascript2

Example: *chatmon_lesson5_javascript5*

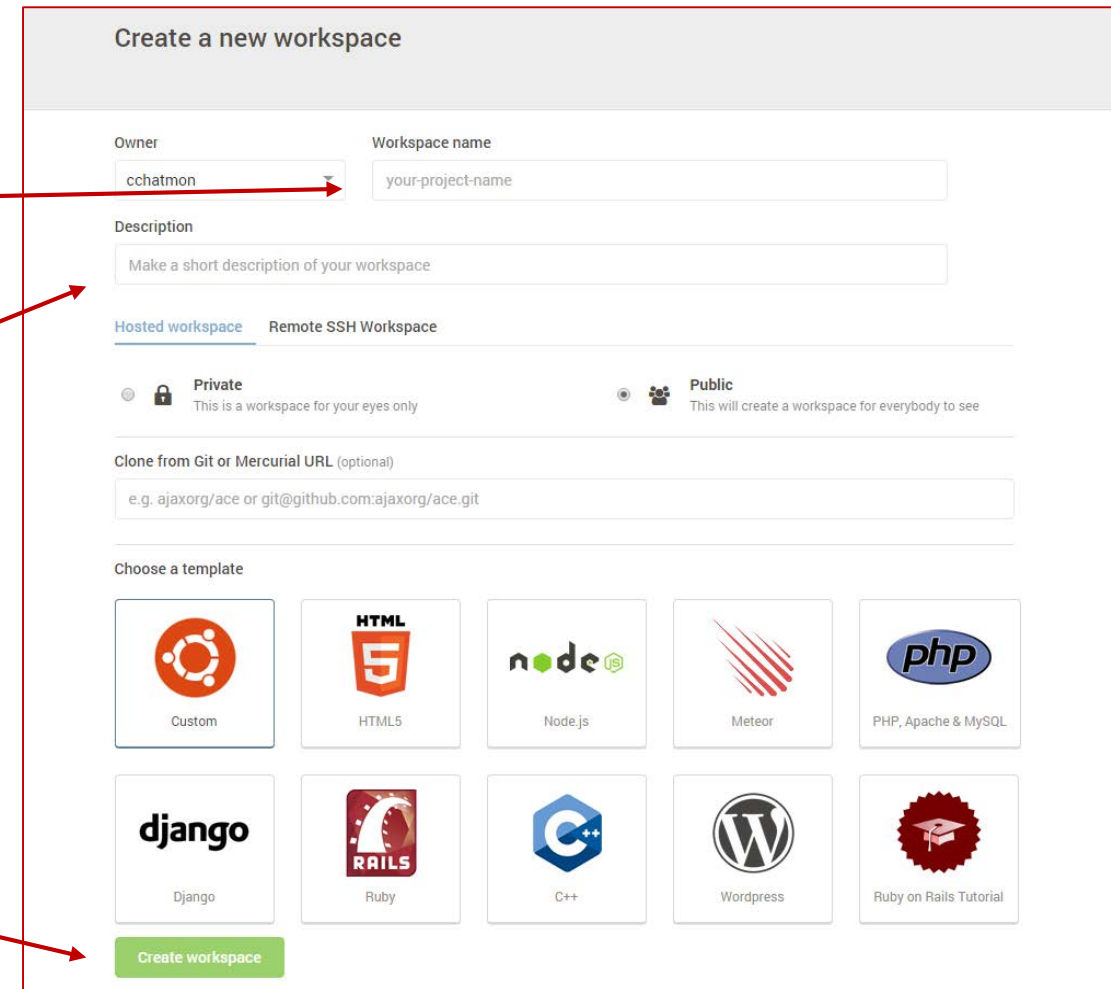
Step 2. Give the following description for the workspace:

Lesson 5: This lesson introduces the advantages of code modularization and reusable code by using conditional statements, loops, and functions.

Step 3. Leave the remaining default options.

Step 4. Click the “**Create Workspace**” button.

Your workspace should now be created!



The screenshot shows the 'Create a new workspace' form in Cloud9. Red arrows from the text blocks point to the following fields:

- Owner:** A dropdown menu showing 'cchatmon'.
- Workspace name:** A text input field containing 'your-project-name'.
- Description:** A text input field containing 'Make a short description of your workspace'.
- Hosted workspace / Remote SSH Workspace:** Two tabs, with 'Hosted workspace' selected.
- Private / Public:** Two radio buttons, with 'Private' selected.
- Clone from Git or Mercurial URL (optional):** A text input field containing 'e.g. ajaxorg/ace or git@github.com:ajaxorg/ace.git'.
- Choose a template:** A grid of 10 template cards: Custom, HTML5, Node.js, Meteor, PHP, Apache & MySQL, Django, Ruby, C++, Wordpress, and Ruby on Rails Tutorial.
- Create workspace:** A green button at the bottom.

Step #1: Setup a new workspace in Cloud9

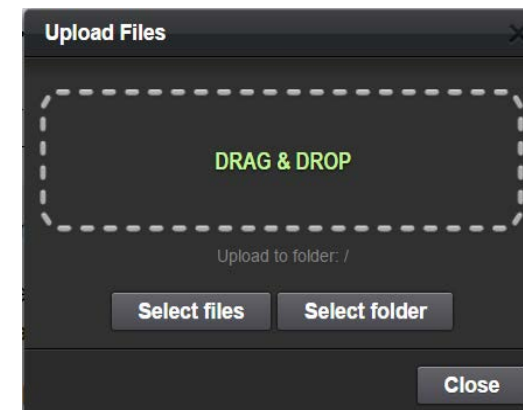
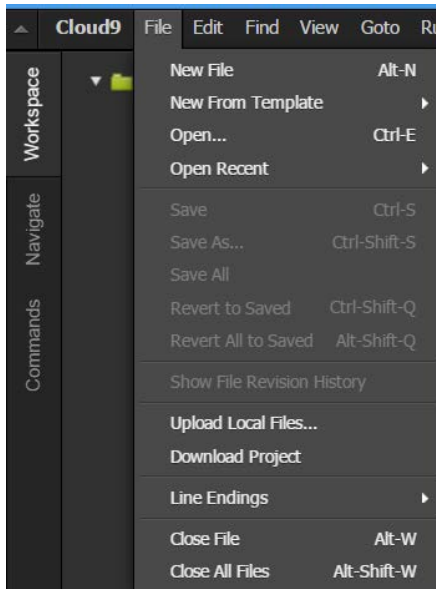
Upload Lesson 5 Assignment files into the Cloud9 workspace:

1. Click the following link to **DOWNLOAD** and **ADD** the files to the workspace:

[Lesson5 taxCalculator](#)

(taxCalculator.html and styles.css)

2. In **Cloud9**, select **File > Upload Local Files...**
3. Click **Select folder** and upload **required folder** for this lesson to the workspace **or DRAG & DROP** the **required folder** in the **Upload Files** panel. Close the panel after all files/folders have been uploaded.

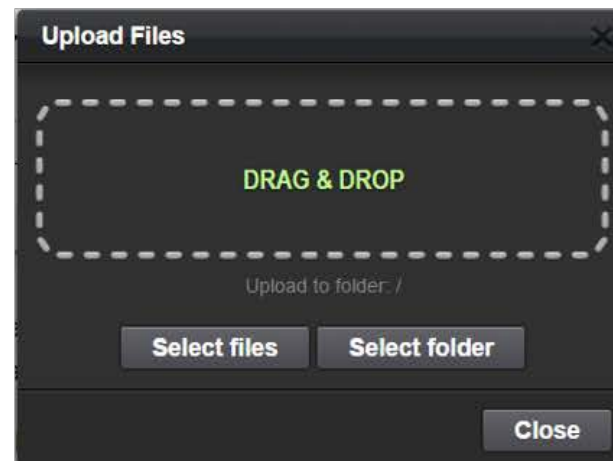


Step #1: Setup a new workspace in Cloud9

Upload Lesson 5 Assignments files into the Cloud9 workspace:

- Move the files into the workspace.

Click **Select folder** and upload **required folder** for this lesson to the workspace or **DRAG & DROP** the **required folder** in the panel. Close the panel after all files/folders have been uploaded.



Step #2: Move Files to Local Repository in Cloud9

- In **Cloud9** Terminal, enter the following commands below which achieve the following:
 - initialize the local **git** repository (*git init*)
 - add all file(s) and folder(s) from the current directory to the staging area (*git add .*)
 - copy the file(s) and folder(s) to the local repository (*git commit -m 'message'*)

COMMANDS TO ENTER IN THE Cloud9 TERMINAL: (Type commands AFTER the '\$'):

```
$ git init
```

```
$ git add .
```

```
$ git commit -m 'lesson 5 first commit'
```

Step #2: Move Files to Local Repository in Cloud9

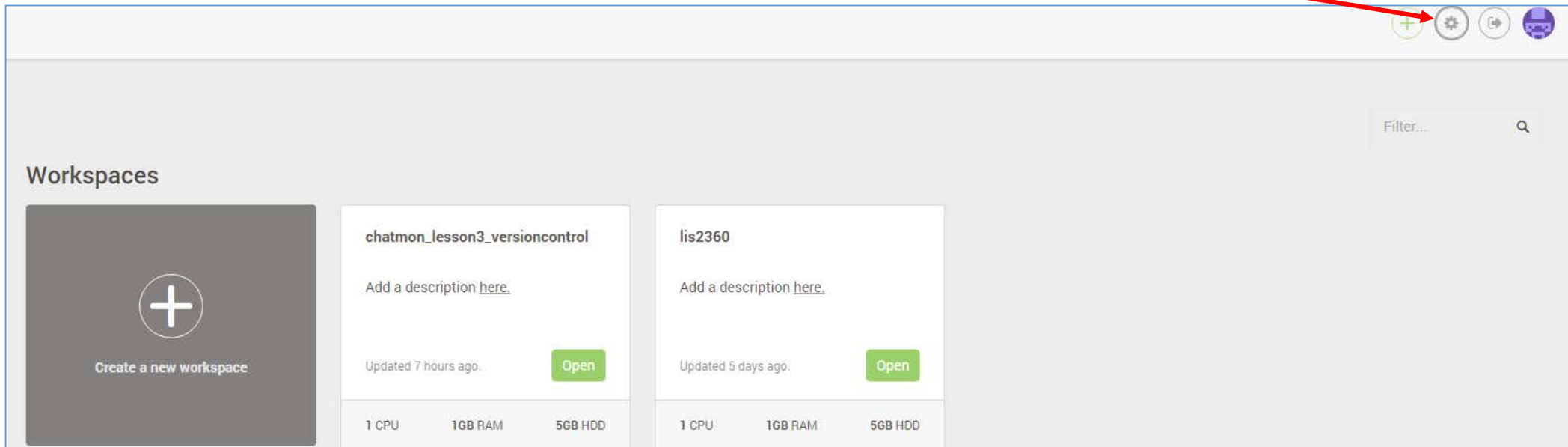
****EXAMPLE****

HINT: Yours may look slightly different!!

```
Your username:~/workspace $ git init
Initialized empty Git repository in /home/ubuntu/workspace/.git/
Your username:~/workspace (master) $ git add .
Your username:~/workspace (master) $ git commit -m 'lesson 5 first commit'
[master (root-commit) 86693f2] lesson 5 first commit
3 files changed, 684 insertions(+)
create mode 100644 styles.css
create mode 100644 taxCalculator.html
```

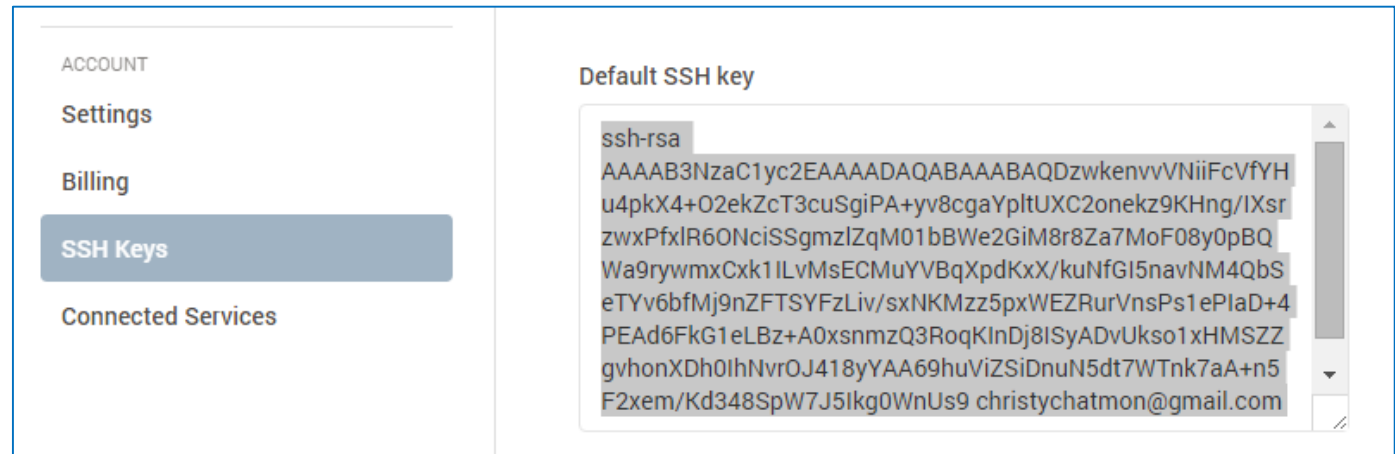

Step #3: Connect Cloud9 Account to GitHub Account

- In the **Cloud9 dashboard**, select **Accounting Settings** icon in the top right hand corner:
 - Click  to access your **Account Settings** menu in the **Cloud9**



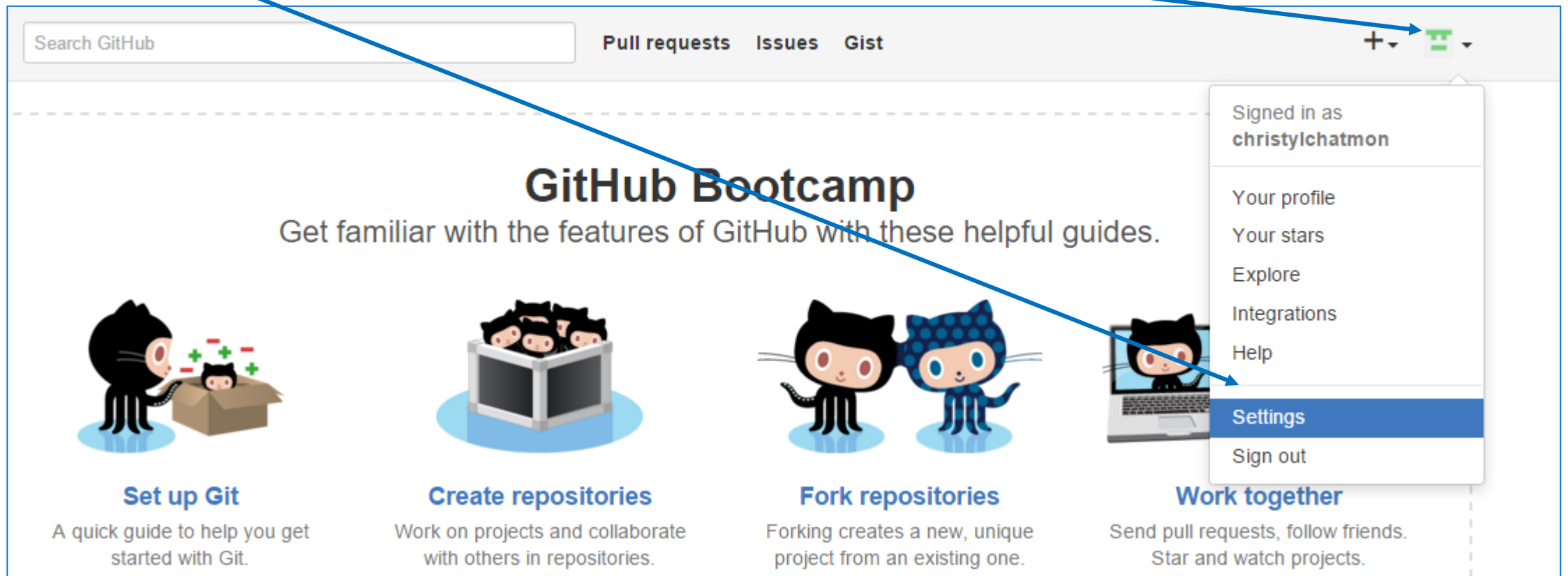
Step #3: Connect Cloud9 Account to GitHub Account

- In **Cloud9** in the **Account Settings** screen, select the **SSH Keys** option.
- Click in the screen for the **Default SSH Key** and copy this key to the buffer!!!!
 - **CTRL + C (Windows)** or
 - **Command + C (Mac)**



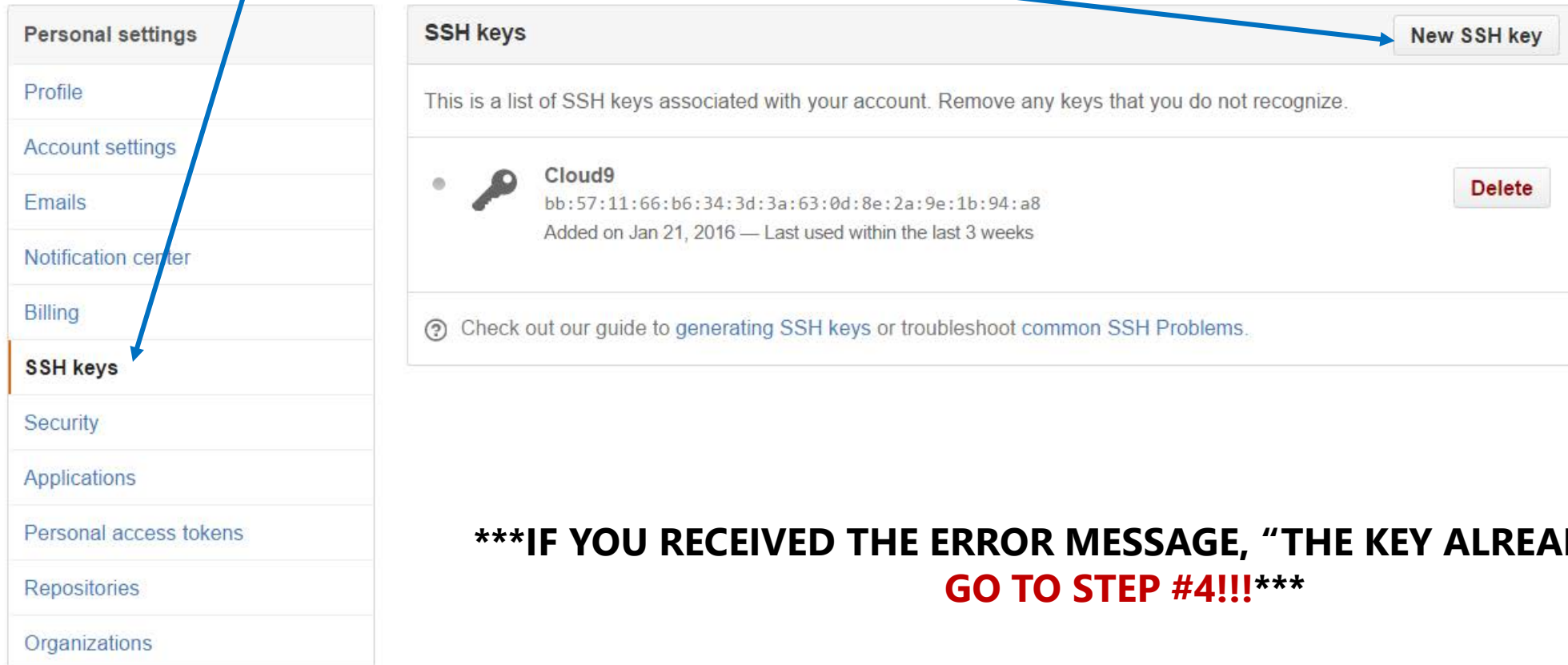
Step #3: Connect Cloud9 Account to GitHub Account

- In order to add the **SSH Key** from **Cloud9** to **GitHub**, go to **GitHub** (<https://github.com/>) and select the **Settings** option using the **View Profile and More** icon in the top right corner.



Step #3: Connect Cloud9 Account to GitHub Account

- In **GitHub Settings** screen, select the **SSH Keys** option.
- Select the **New SSH Key** button.



The screenshot displays the GitHub 'Personal settings' sidebar on the left, with 'SSH keys' selected. The main content area is titled 'SSH keys' and contains a 'New SSH key' button in the top right corner, which is pointed to by a blue arrow from the second bullet point. Below the button, there is a list of SSH keys. One key is shown, labeled 'Cloud9' with a key icon, a long alphanumeric string, and a 'Delete' button. A blue arrow from the first bullet point points to the 'SSH keys' option in the sidebar. At the bottom of the main content area, there is a link to a guide on generating SSH keys.

Personal settings

- Profile
- Account settings
- Emails
- Notification center
- Billing
- SSH keys**
- Security
- Applications
- Personal access tokens
- Repositories
- Organizations

SSH keys

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

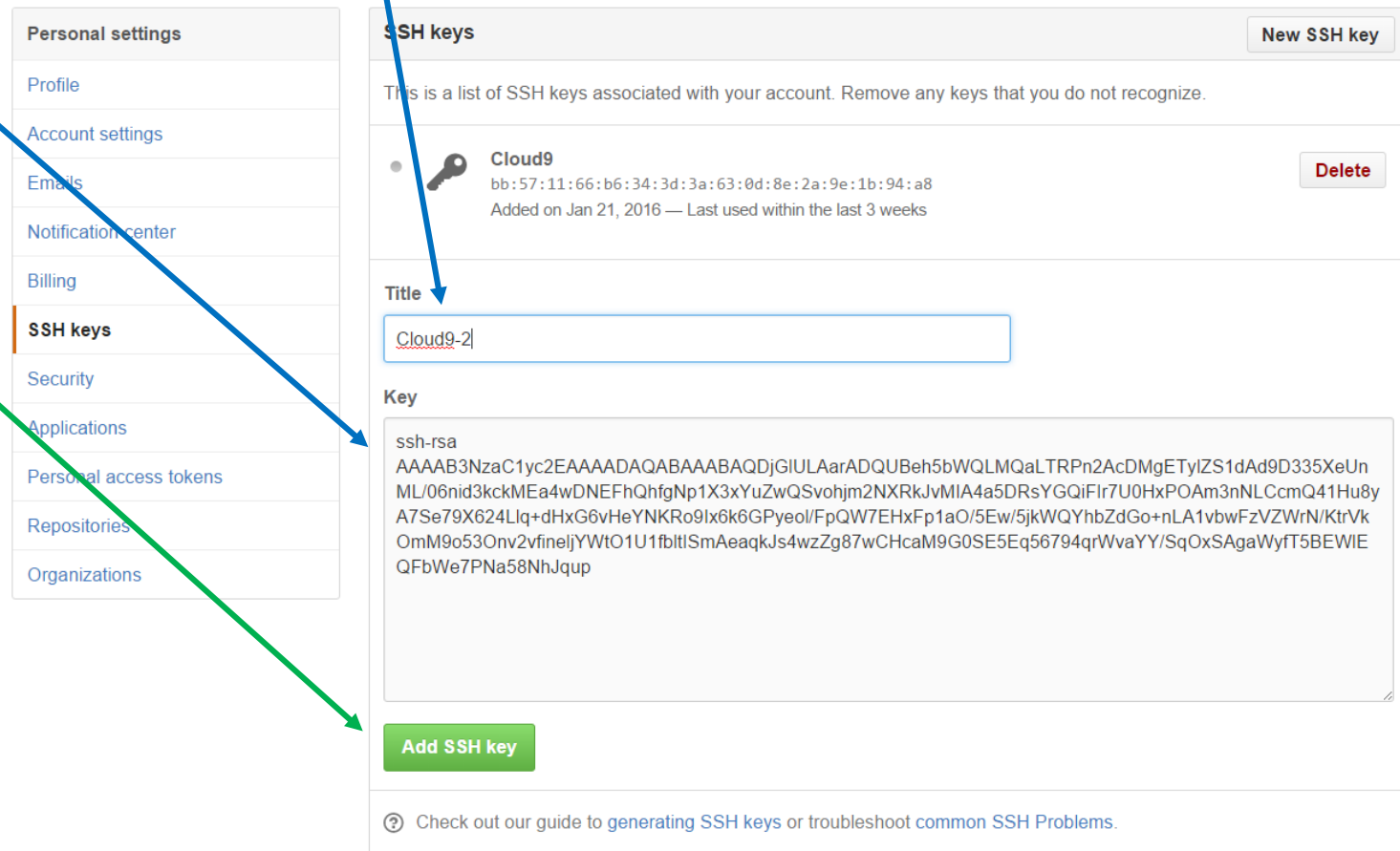
Key Name	Key Fingerprint	Added	Last Used	Action
Cloud9	bb:57:11:66:b6:34:3d:3a:63:0d:8e:2a:9e:1b:94:a8	Added on Jan 21, 2016	Last used within the last 3 weeks	Delete

Check out our guide to [generating SSH keys](#) or [troubleshoot common SSH Problems](#).

*****IF YOU RECEIVED THE ERROR MESSAGE, "THE KEY ALREADY EXISTS",
GO TO STEP #4!!!*****

Step #3: Connect Cloud9 Account to GitHub Account

- Give this **SSH Key** the following **Title**: **Cloud9-5**
- Paste the **SSH Key** in the **Key** textbox. (**CTRL+V** for Windows; **Command+V** for Mac)
- Press **Add Key** button.



The screenshot shows the GitHub 'SSH keys' management page. On the left is a sidebar with navigation links: Personal settings, Profile, Account settings, Emails, Notification center, Billing, SSH keys (highlighted), Security, Applications, Personal access tokens, Repositories, and Organizations. The main content area is titled 'SSH keys' and includes a 'New SSH key' button. Below the title is a list of existing SSH keys; one named 'Cloud9' is shown with a 'Delete' button. The 'Add SSH key' form is visible, with a blue arrow pointing from the instruction 'Give this SSH Key the following Title: Cloud9-5' to the 'Title' input field, which contains 'Cloud9-2'. Another blue arrow points from the instruction 'Paste the SSH Key in the Key textbox' to the 'Key' text area, which contains a long SSH key string. A green arrow points from the instruction 'Press Add Key button' to the green 'Add SSH key' button at the bottom of the form. A footer link provides guidance on generating SSH keys.

Personal settings

- Profile
- Account settings
- Emails
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SSH keys

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

Cloud9
bb:57:11:66:b6:34:3d:3a:63:0d:8e:2a:9e:1b:94:a8
Added on Jan 21, 2016 — Last used within the last 3 weeks

Delete

Title

Cloud9-2

Key

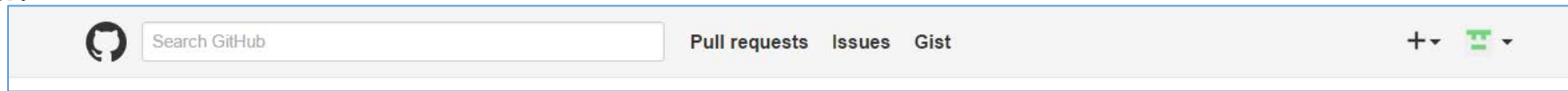
```
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQDjGIULAarADQUBeh5bWQLMQaLTRPn2AcDMgETyIZS1dAd9D335XeUn
ML/06nid3kckMEa4wDNEFhQhfgNp1X3xYuZwQSVohjm2NXRkJvMIA4a5DRsYGGiFlr7U0HxPOAm3nNLCcmQ41Hu8y
A7Se79X624LIq+dHxG6vHeYNKR09lx6k6GPyeol/FpQW7EHxFp1aO/5Ew/5jkWQYhbZdGo+nLA1vbwFzVZWVrN/KtrVk
OmM9o53Onv2vfineljYWtO1U1fbltISmAeqkJs4wzZg87wCHcaM9G0SE5Eq56794qrWvaYY/SqOxSAgaWyft5BEWIE
QFbWe7PNa58NhJqup
```

Add SSH key

Check out our guide to [generating SSH keys](#) or [troubleshoot common SSH Problems](#).

Step #4: Create a New Remote Repository in GitHub

- Select the **GitHub** icon in the top left-hand corner to return to the **GitHub** dashboard.

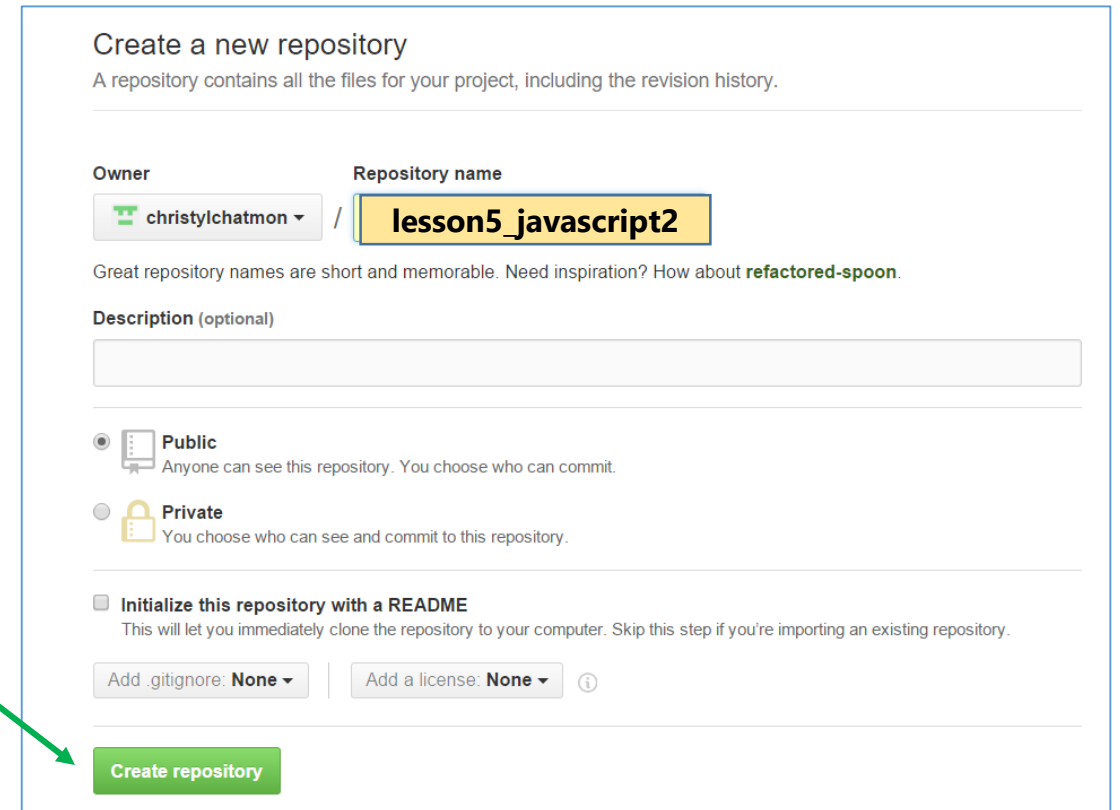


- In **GitHub**, create a **new repository** (using default options) in **GitHub**
 - Click the **New Repository** button on the **GitHub** main page.



Step #4: Create a New Remote Repository in GitHub

- Create a Repository (using default options) in **GitHub**
 - **Repository Name:** "lesson5_javascript2"
 - Leave all default options
 - Click "**Create repository**" button



Create a new repository

A repository contains all the files for your project, including the revision history.

Owner: christylchatmon / Repository name: lesson5_javascript2

Great repository names are short and memorable. Need inspiration? How about [refactored-spoon](#).

Description (optional)

☐ Public
Anyone can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

☐ Initialize this repository with a README
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None | Add a license: None ⓘ

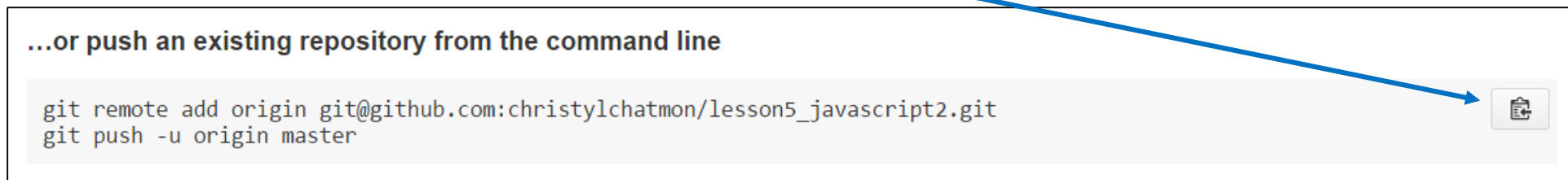
Create repository

Step #5: Push (Backup) files to the Remote Repository (GitHub)

- In **GitHub**:
 - Select the **SSH** button in the new remote repository



- Copy each statement in **"...or push an existing repository..."** section or just click the copy button



Step #5: Push (Backup) files to the Remote Repository (GitHub)

- In **Cloud9**:
 - **Paste** (*DO NOT TYPE IT*) the commands that were copied in the previous step in the **Cloud9 Terminal** to **PUSH** (or copy) the code to your remote repository in **GitHub** by typing the following commands:

COMMANDS TO ENTER OR PASTE IN Cloud9 TERMINAL: (Type commands after the '\$')

```
$ git remote add origin git@github.com:YOUR-USERNAME/PROJECT-TITLE.git
```

```
$ git push -u origin master
```

<press enter>

Step #5: Push (Backup) files to the Remote Repository (GitHub)

****EXAMPLE OUTPUT****

HINT: Your statement may look slightly different!!

You should see the last statement indicating that the branch is set up!

Statements from
the previous step:



```
cchatmon:~/workspace $ git init
Initialized empty Git repository in /home/ubuntu/workspace/.git/
cchatmon:~/workspace (master) $ git add .
cchatmon:~/workspace (master) $ git commit -m 'lesson 4 first commit'
[master (root-commit) c505133] lesson 4 first commit
3 files changed, 833 insertions(+)
create mode 100644 expenseViewer.html
create mode 100644 modernizr.custom.05819.js
create mode 100644 style.css
cchatmon:~/workspace (master) $ git remote add origin git@github.com:christylchatmon/lesson4_javascript1.git
cchatmon:~/workspace (master) $ git push -u origin master
Warning: Permanently added 'github.com,192.30.252.129' (RSA) to the list of known hosts.
Counting objects: 5, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 8.64 KiB | 0 bytes/s, done.
Total 5 (delta 0), reused 0 (delta 0)
To git@github.com:christylchatmon/lesson4_javascript1.git
 * [new branch]      master -> master
Branch master set up to track remote branch master from origin.
```

Step #6: Verify!

New Remote Repository (GitHub) contains Files from Local Repository (Cloud9)

Go back to **GitHub and refresh the browser to view the newly **'PUSHED'** files!**

The screenshot shows the GitHub interface for a repository named 'lesson5_javascript2' by user 'christylchatmon'. The repository has 1 commit, 1 branch, 0 releases, and 1 contributor. The 'master' branch is selected. A green button 'New pull request' is visible. Below the repository header, there is a table of files: 'expenseViewer.html', 'modernizr.custom.05819.js', and 'style.css'. Each file has a blue button labeled 'lesson 5 first commit' and a timestamp of '9 minutes ago'. At the bottom, there is a green button 'Add a README'.

christylchatmon / lesson5_javascript2

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Wiki Pulse Graphs Settings

No description or website provided. — Edit

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request

New file Find file SSH git@github.com:christylchatmon Download ZIP

cchatmon lesson 5 first commit	Latest commit c505133 9 minutes ago
expenseViewer.html	lesson 5 first commit 9 minutes ago
modernizr.custom.05819.js	lesson 5 first commit 9 minutes ago
style.css	lesson 5 first commit 9 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

