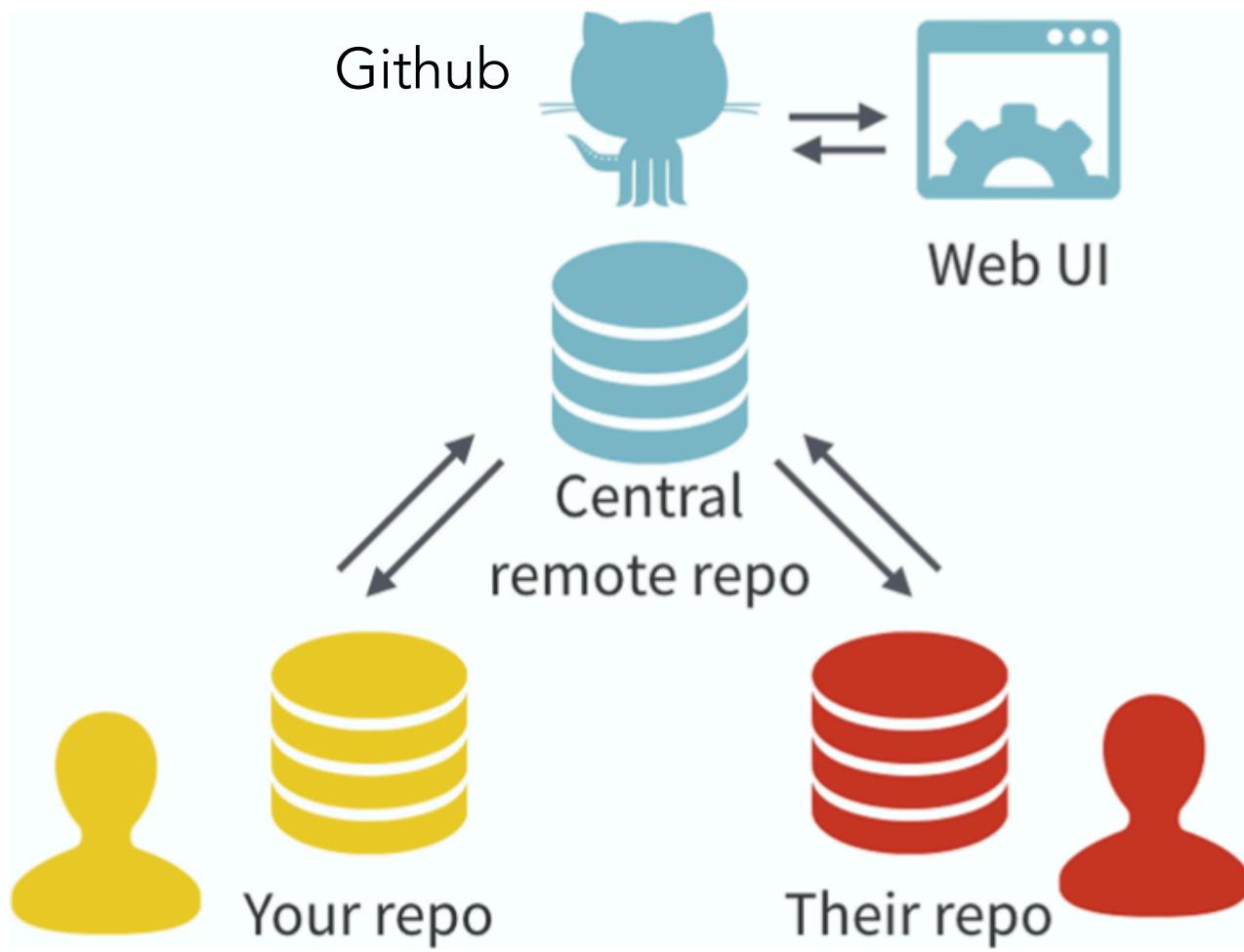


Setting up a Github repo and basic Git commands

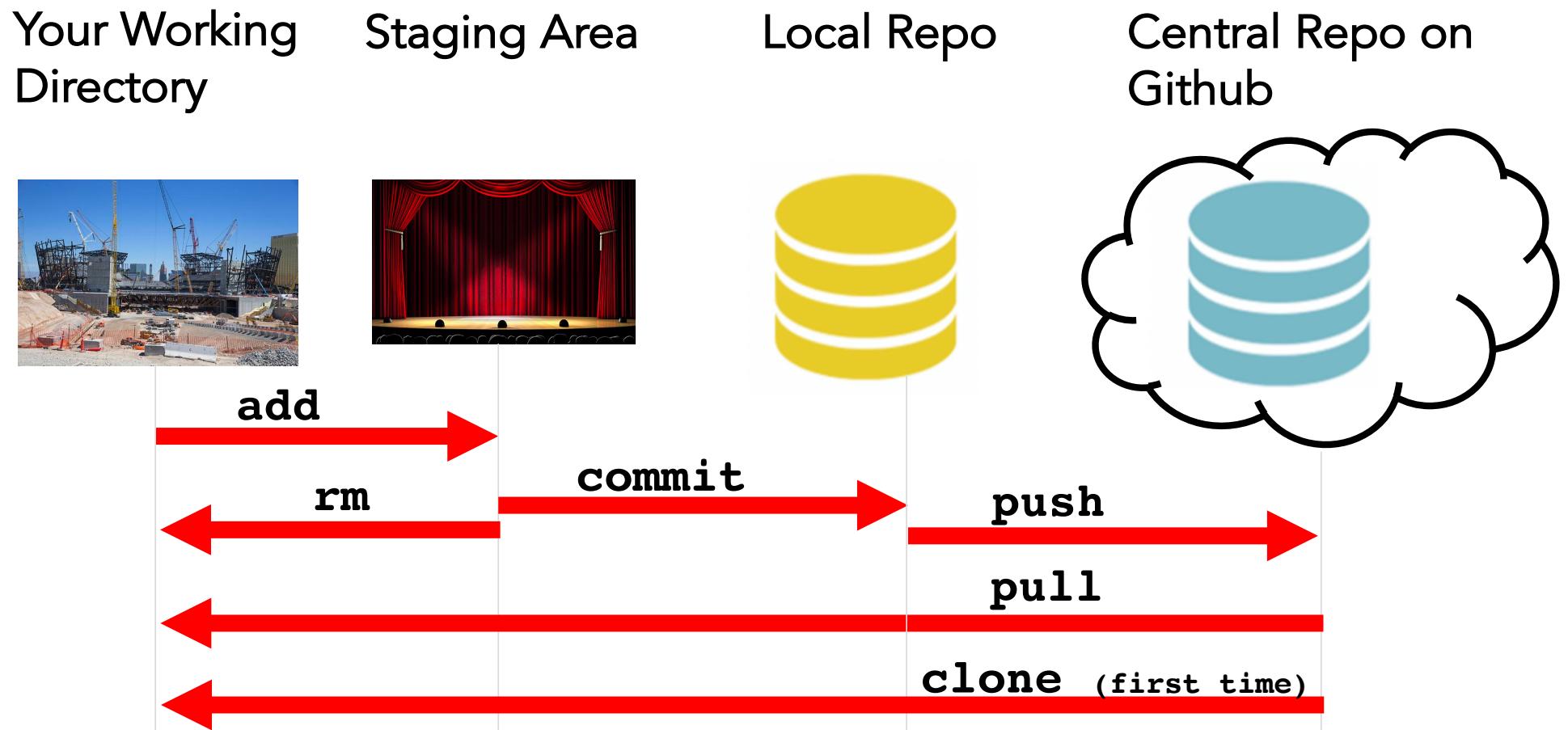
14 February 2020

Modern Research Methods

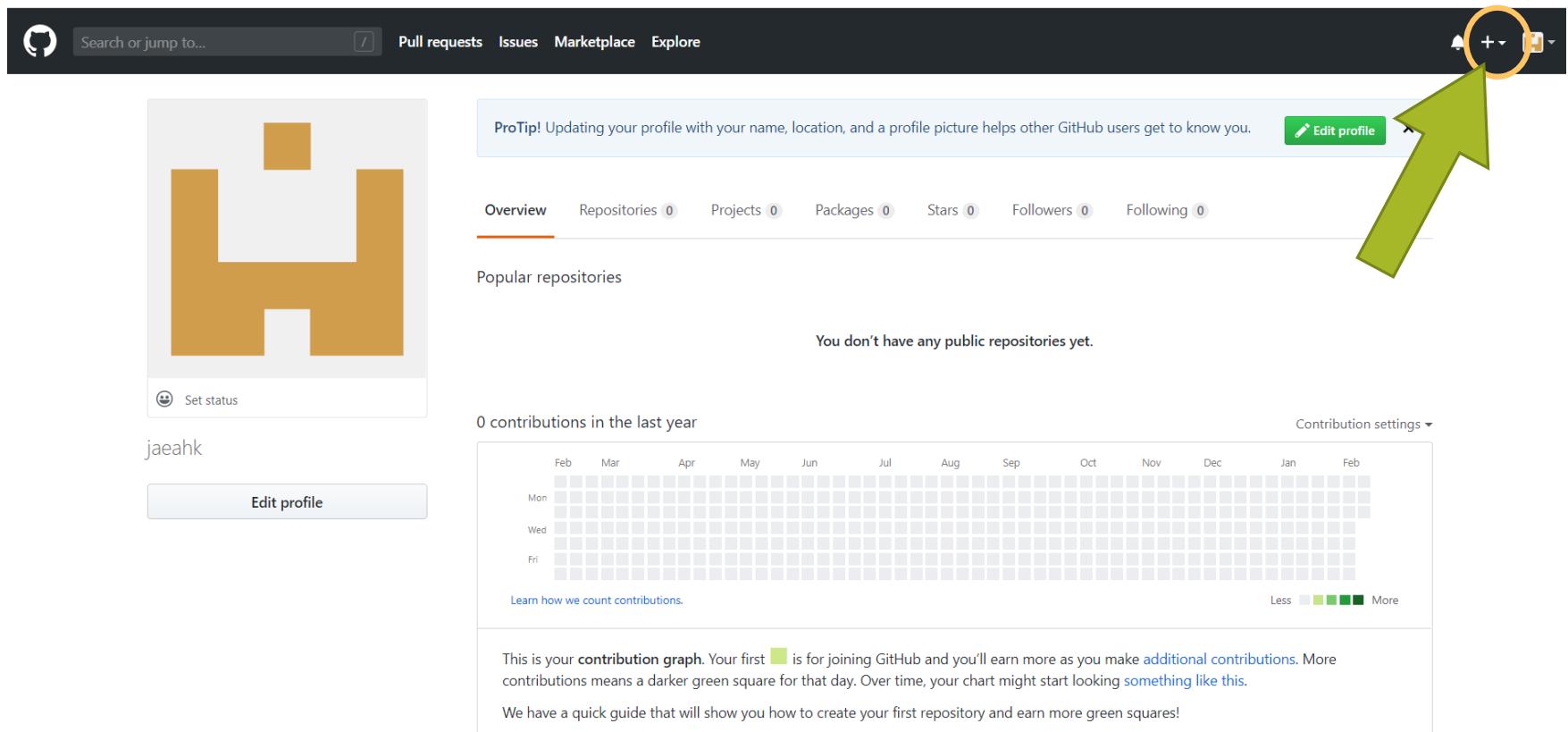


(Bryan, 2018)

The workflow



Setting up a GitHub repository



A screenshot of a GitHub profile page for the user 'jaeahk'. The page includes a profile picture placeholder (a large letter 'H'), a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. A green arrow points to the 'New repository' button in the top right corner of the header.

ProTip! Updating your profile with your name, location, and a profile picture helps other GitHub users get to know you. [Edit profile](#)

Overview Repositories 0 Projects 0 Packages 0 Stars 0 Followers 0 Following 0

Popular repositories

You don't have any public repositories yet.

0 contributions in the last year

Contribution settings ▾

Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Mon												
Wed												
Fri												

Learn how we count contributions. Less More

This is your **contribution graph**. Your first is for joining GitHub and you'll earn more as you make [additional contributions](#). More contributions means a darker green square for that day. Over time, your chart might start looking [something like this](#).

We have a quick guide that will show you how to create your first repository and earn more green squares!

Setting up a GitHub repository

A screenshot of a GitHub profile page for the user 'jaeahk'. The page includes a profile picture placeholder, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. A 'ProTip!' message encourages updating the profile. Below the navigation is a summary section with tabs for Overview, Repositories (0), Projects (0), Packages (0), Stars (0), Followers (0), and Following. A large green arrow points to the 'New repository' button in the top right corner of the main content area, which is part of a dropdown menu. The menu also contains options for Import repository, New gist, New organization, and New project. The main content area shows a message 'You don't have any public repositories yet.' and a contribution graph for the last year. At the bottom, there's a link to a quick guide for creating a repository.

Search or jump to...

Pull requests Issues Marketplace Explore

ProTip! Updating your profile with your name, location, and a profile picture helps other GitHub users get to know you.

Overview Repositories 0 Projects 0 Packages 0 Stars 0 Followers 0 Following

Popular repositories

You don't have any public repositories yet.

0 contributions in the last year

Contribution settings ▾

Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Mon												
Wed												
Fri												

Learn how we count contributions. Less More

This is your **contribution graph**. Your first █ is for joining GitHub and you'll earn more as you make additional contributions. More contributions means a darker green square for that day. Over time, your chart might start looking [something like this](#).

We have a quick guide that will show you how to create your first repository and earn more green squares!

<https://github.com/new>

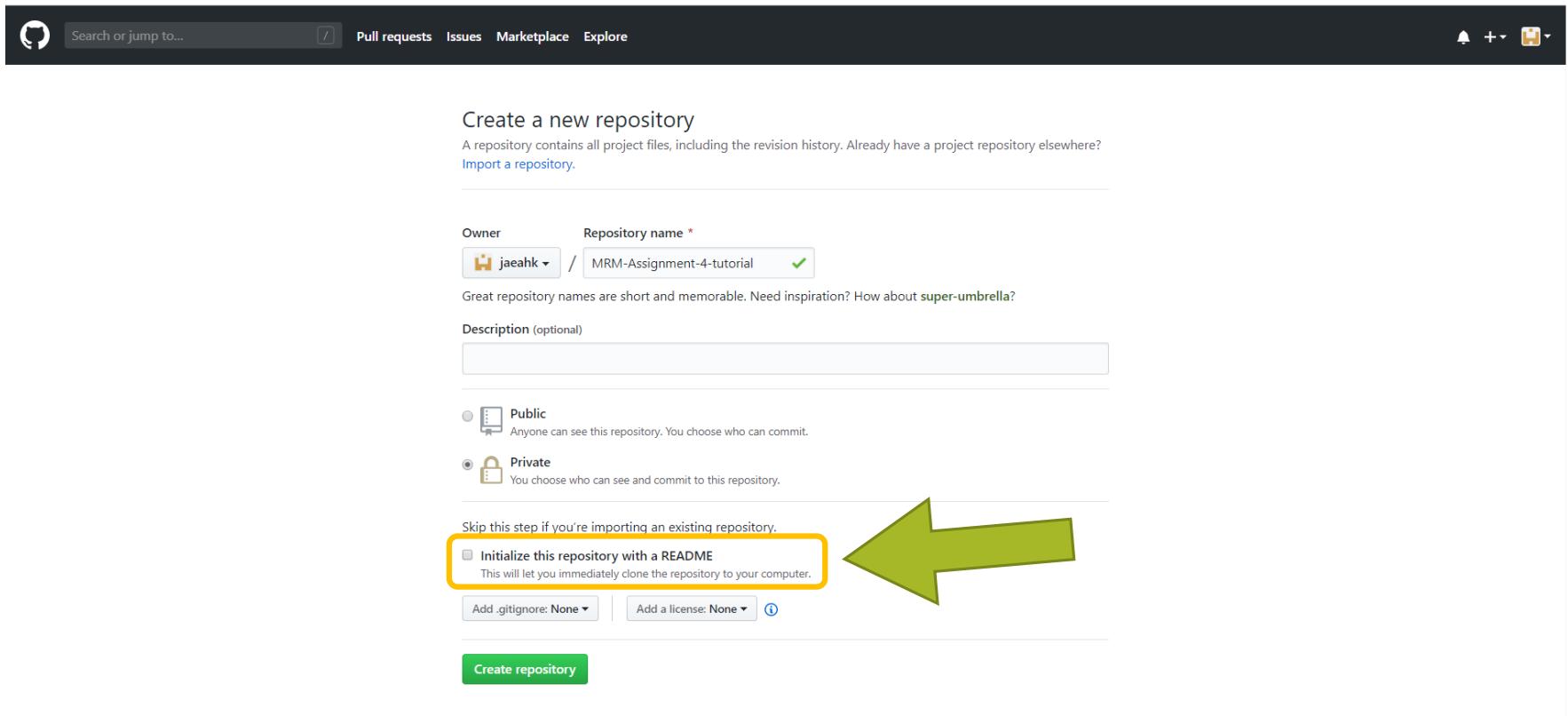
Setting up a GitHub repository

The screenshot shows the GitHub interface for creating a new repository. At the top, there's a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. Below the navigation is a search bar and a user icon. The main section is titled "Create a new repository" with a sub-instruction: "A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository." A yellow box highlights the "Repository name *" input field, which contains "MRM-Assignment-4-tutorial". A large green arrow points from the right towards this highlighted field. The "Owner" dropdown is set to "jaeahk". Below the repository name, there's a note: "Great repository names are short and memorable. Need inspiration? How about super-umbrella?" The "Description (optional)" field is empty. Under "Visibility", the "Public" option is selected, with a note: "Anyone can see this repository. You choose who can commit." The "Private" option is also available. There's a "Skip this step if you're importing an existing repository." link. Under "Initialize this repository with a README", there's a checked checkbox with the note: "This will let you immediately clone the repository to your computer." At the bottom, there are buttons for "Add .gitignore: None" and "Add a license: None", followed by a "Create repository" button.

Setting up a GitHub repository

The screenshot shows the GitHub interface for creating a new repository. At the top, there's a dark header bar with the GitHub logo, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. Below the header, the main title is "Create a new repository". A sub-instruction says, "A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository." The "Owner" field is set to "jaeahk" and the "Repository name" is "MRM-Assignment-4-tutorial". A note below suggests short and memorable names like "super-umbrella". The "Description (optional)" field is empty. The "Visibility" section is highlighted with a yellow box and a large green arrow pointing to it. It contains two options: "Public" (selected) and "Private". The "Public" option is described as "Anyone can see this repository. You choose who can commit." The "Private" option is described as "You choose who can see and commit to this repository." Below this, there's a note about skipping the step if importing an existing repository, and a checkbox for "Initialize this repository with a README". At the bottom, there are buttons for "Add .gitignore: None" and "Add a license: None", followed by a "Create repository" button.

Setting up a GitHub repository



The screenshot shows the GitHub interface for creating a new repository. At the top, there's a dark header bar with the GitHub logo, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. Below the header, the main title is "Create a new repository". A sub-instruction says "A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository." The "Owner" field is set to "jaeahk" and the "Repository name" is "MRM-Assignment-4-tutorial". A note below suggests short and memorable names. The "Description (optional)" field is empty. Under "Visibility", there are two radio buttons: "Public" (selected) and "Private". A note says "Anyone can see this repository. You choose who can commit." The "Private" option is described as "You choose who can see and commit to this repository." Below this, there's a section titled "Skip this step if you're importing an existing repository." It contains a checkbox for "Initialize this repository with a README", which is described as letting you immediately clone the repository to your computer. This checkbox is highlighted with a yellow border. At the bottom, there are buttons for "Add .gitignore: None" and "Add a license: None", followed by a "Create repository" button.

Setting up a GitHub repository

The screenshot shows the GitHub interface for creating a new repository. At the top, there's a dark header bar with the GitHub logo, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. To the right of the header are notifications, a plus sign for creating new items, and a user profile icon.

The main section is titled "Create a new repository". It asks if the user wants to import a repository from elsewhere. Below that, the "Owner" field is set to "jaeahk" and the "Repository name" field contains "MRM-Assignment-4-tutorial", which has a green checkmark next to it. A note says, "Great repository names are short and memorable. Need inspiration? How about super-umbrella?"

The "Description (optional)" field is empty. Below it, there are two radio button options: "Public" (selected) and "Private". The "Public" option is described as "Anyone can see this repository. You choose who can commit." The "Private" option is described as "You choose who can see and commit to this repository."

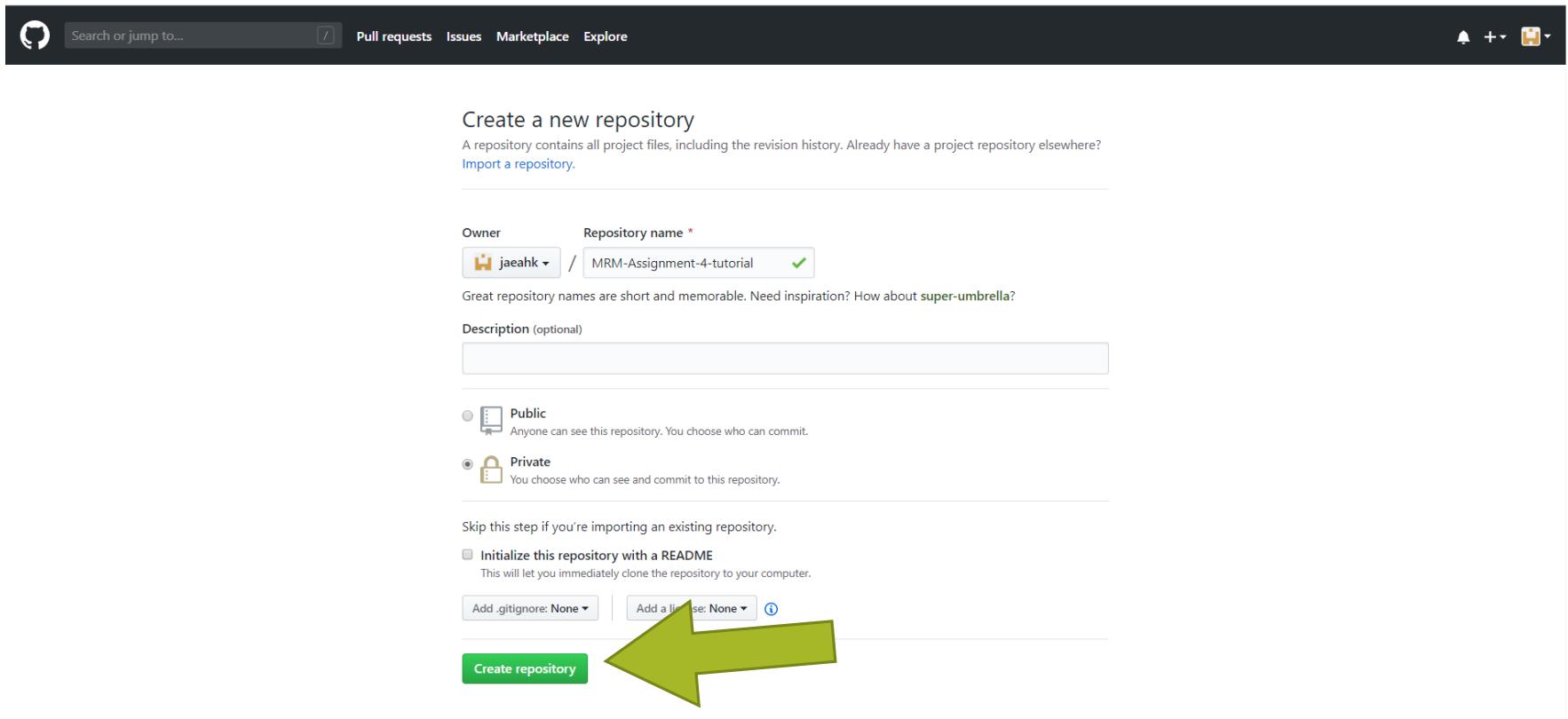
Underneath, there's a note about skipping the step if importing an existing repository. A checkbox labeled "Initialize this repository with a README" is checked, with a tooltip explaining it allows immediate cloning. A dropdown menu next to it says "Add .gitignore: None".

At the bottom, a large green arrow points to the ".gitignore" dropdown menu. A green button labeled "Create repository" is at the very bottom.

Setting up a GitHub repository

The screenshot shows the GitHub interface for creating a new repository. At the top, there's a dark header bar with the GitHub logo, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. Below the header, the main title is "Create a new repository". A sub-instruction says "A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository." The "Owner" field is set to "jaeahk" and the "Repository name" is "MRM-Assignment-4-tutorial". A note below suggests short and memorable names like "super-umbrella". The "Description (optional)" field is empty. Under "Visibility", the "Private" option is selected, indicated by a radio button and a lock icon. A note states "Anyone can see this repository. You choose who can commit." The "Public" option is also shown with its note. Below this, there's a section for skipping imports and initializing with a README. A checkbox for "Initialize this repository with a README" is checked, with a note explaining it lets you immediately clone the repository. Two dropdown menus are present: one for ".gitignore" (set to "None") and one for "Add a license" (also set to "None"). A large green arrow points from the bottom left towards the "Add a license" dropdown. At the bottom, a green "Create repository" button is visible.

Setting up a GitHub repository



The screenshot shows the GitHub interface for creating a new repository. At the top, there's a dark header bar with the GitHub logo, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. To the right of the header are notifications, a plus sign for creating new items, and a user profile icon.

The main section is titled "Create a new repository". It asks if the user wants to import a repository from elsewhere. Below that, the "Owner" field is set to "jaeahk" and the "Repository name" field contains "MRM-Assignment-4-tutorial", which has a green checkmark next to it. A note says "Great repository names are short and memorable. Need inspiration? How about super-umbrella?"

The "Description (optional)" field is empty. Below it, there are two radio button options: "Public" (selected) and "Private". The "Public" option is described as "Anyone can see this repository. You choose who can commit." The "Private" option is described as "You choose who can see and commit to this repository."

At the bottom, there's a note about skipping the step if importing an existing repository. There's also a checkbox for "Initialize this repository with a README", which is checked and explained as letting you immediately clone the repository to your computer. Below these are dropdown menus for ".gitignore" and "License", both currently set to "None".

A large green arrow points to the "Create repository" button at the bottom left of the form.

Setting up a GitHub repository

The screenshot shows a GitHub repository page for 'jaeahk/MRM-Assignment-4-tutorial'. The main heading reads 'Learn Git and GitHub without any code!'. Below it, a subtext says 'Using the Hello World guide, you'll start a branch, write comments, and open a pull request.' A green button labeled 'Read the guide' is visible. The repository header includes the owner 'jaeahk / MRM-Assignment-4-tutorial' (Private), options to 'Unwatch' (1), 'Star' (0), 'Fork' (0), and a settings gear icon. Below the header, tabs for 'Code', 'Issues 0', 'Pull requests 0', 'Actions', 'Projects 0', 'Security', 'Insights', and 'Settings' are present. A note states 'No description, website, or topics provided.' with an 'Edit' button. Under the repository details, there's a summary bar showing '1 commit', '1 branch', '0 packages', and '0 releases'. Buttons for 'New pull request', 'Create new file', 'Upload files', 'Find file', and 'Clone or download' are available. A commit history lists 'jaeahk Initial commit' (Latest commit 95710c7 13 minutes ago) and 'Initial commit' (13 minutes ago). A file named 'README.md' is shown with an edit icon. The repository title 'MRM-Assignment-4-tutorial' is displayed at the bottom.

Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

Read the guide

jaeahk / MRM-Assignment-4-tutorial Private

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Security Insights Settings

No description, website, or topics provided. Edit

Manage topics

1 commit 1 branch 0 packages 0 releases

New pull request Create new file Upload files Find file Clone or download

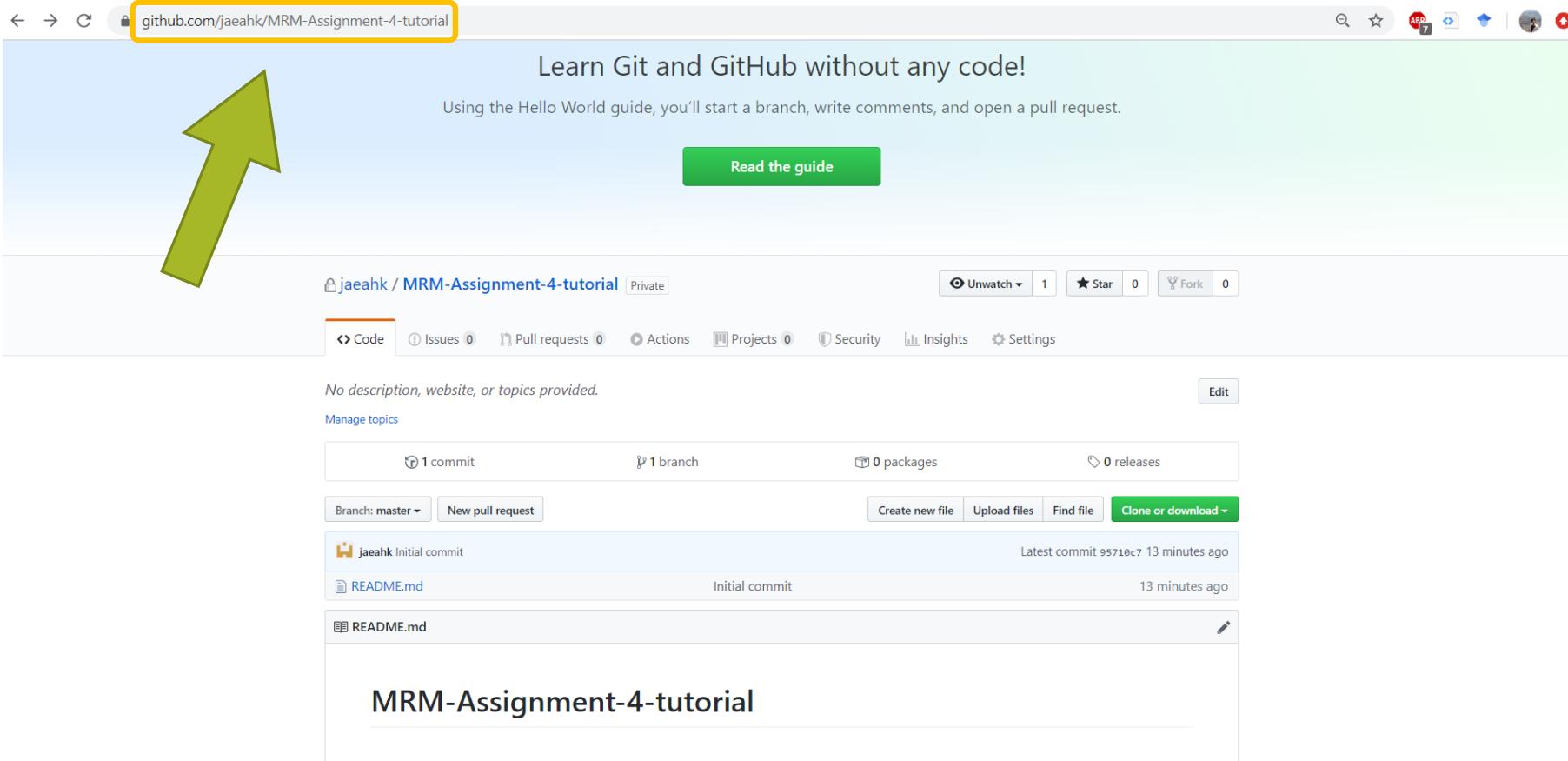
jaeahk Initial commit Latest commit 95710c7 13 minutes ago

README.md Initial commit 13 minutes ago

README.md

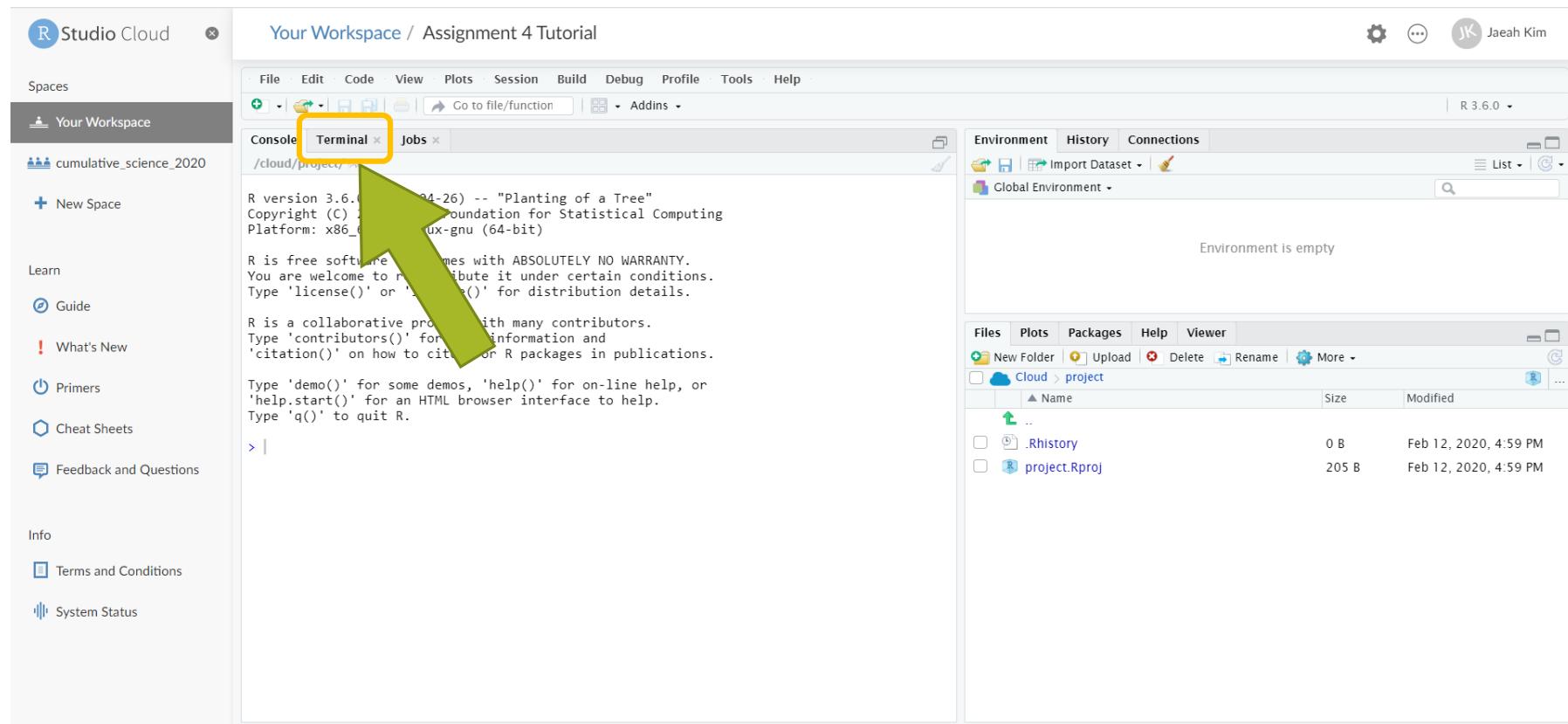
MRM-Assignment-4-tutorial

Cloning repository onto local machine/cloud

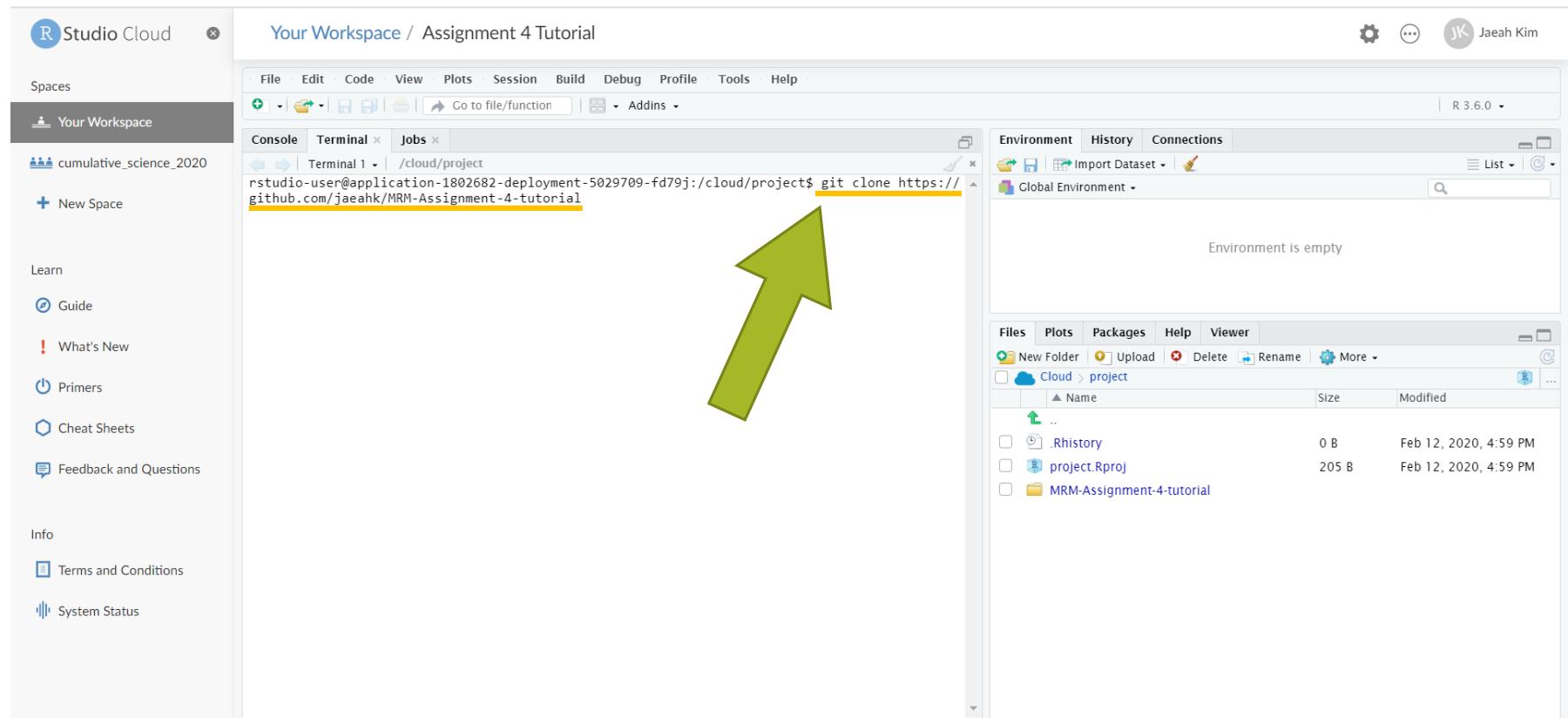


A screenshot of a GitHub repository page for "jaeahk/MRM-Assignment-4-tutorial". A large green arrow points upwards from the bottom of the page towards the browser's address bar. The address bar shows the URL "github.com/jaeahk/MRM-Assignment-4-tutorial". The page title is "Learn Git and GitHub without any code!". Below it, a sub-headline says "Using the Hello World guide, you'll start a branch, write comments, and open a pull request." A green "Read the guide" button is visible. The repository header includes the owner "jaeahk / MRM-Assignment-4-tutorial" and status "Private". It also shows "Unwatch 1", "Star 0", and "Fork 0". Below the header, there are tabs for "Code", "Issues 0", "Pull requests 0", "Actions", "Projects 0", "Security", "Insights", and "Settings". A message "No description, website, or topics provided." is displayed, along with an "Edit" button. Under the repository details, there are sections for "1 commit", "1 branch", "0 packages", and "0 releases". A "Clone or download" button is present. The commit list shows "jaeahk Initial commit" (13 minutes ago) and "README.md Initial commit" (13 minutes ago). The README file content is shown as "MRM-Assignment-4-tutorial".

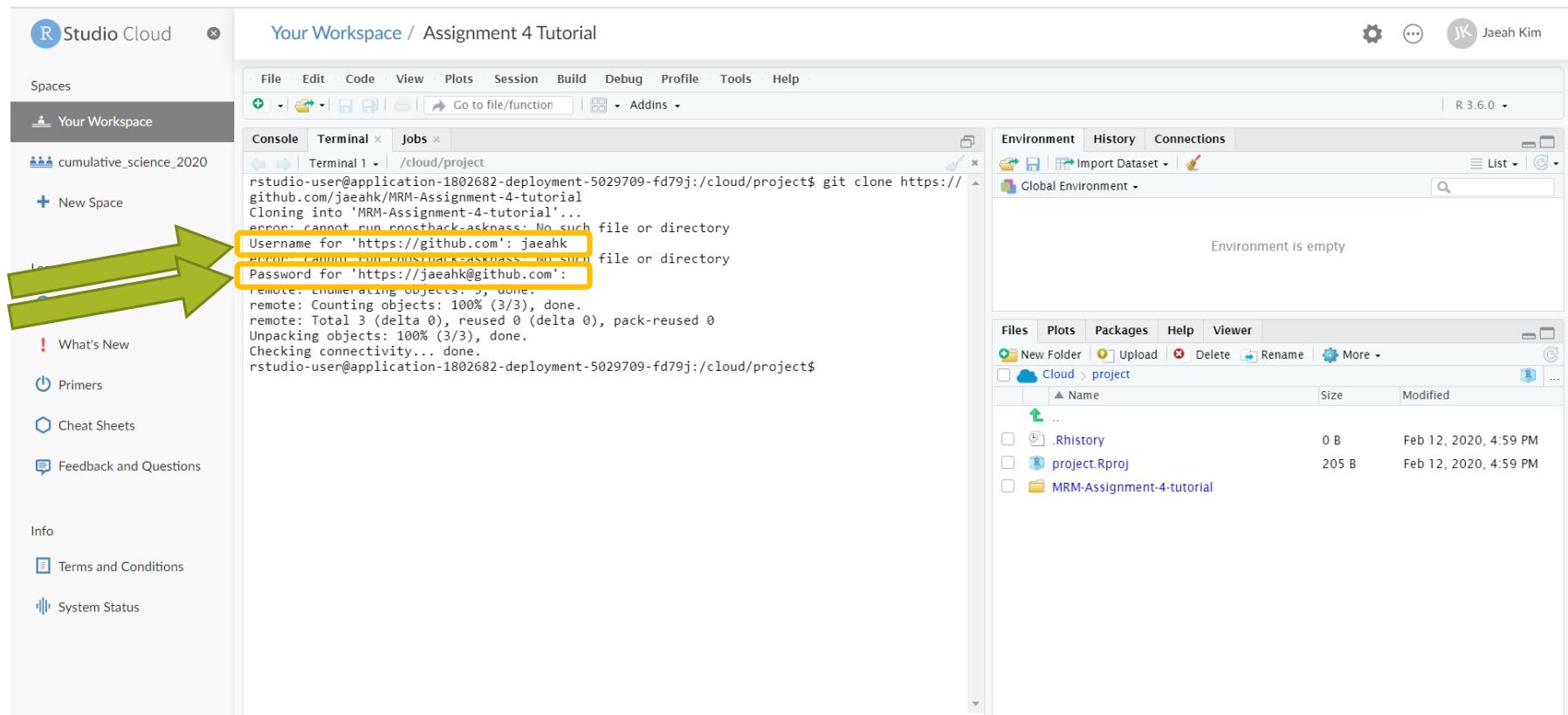
Cloning repository onto local machine/cloud



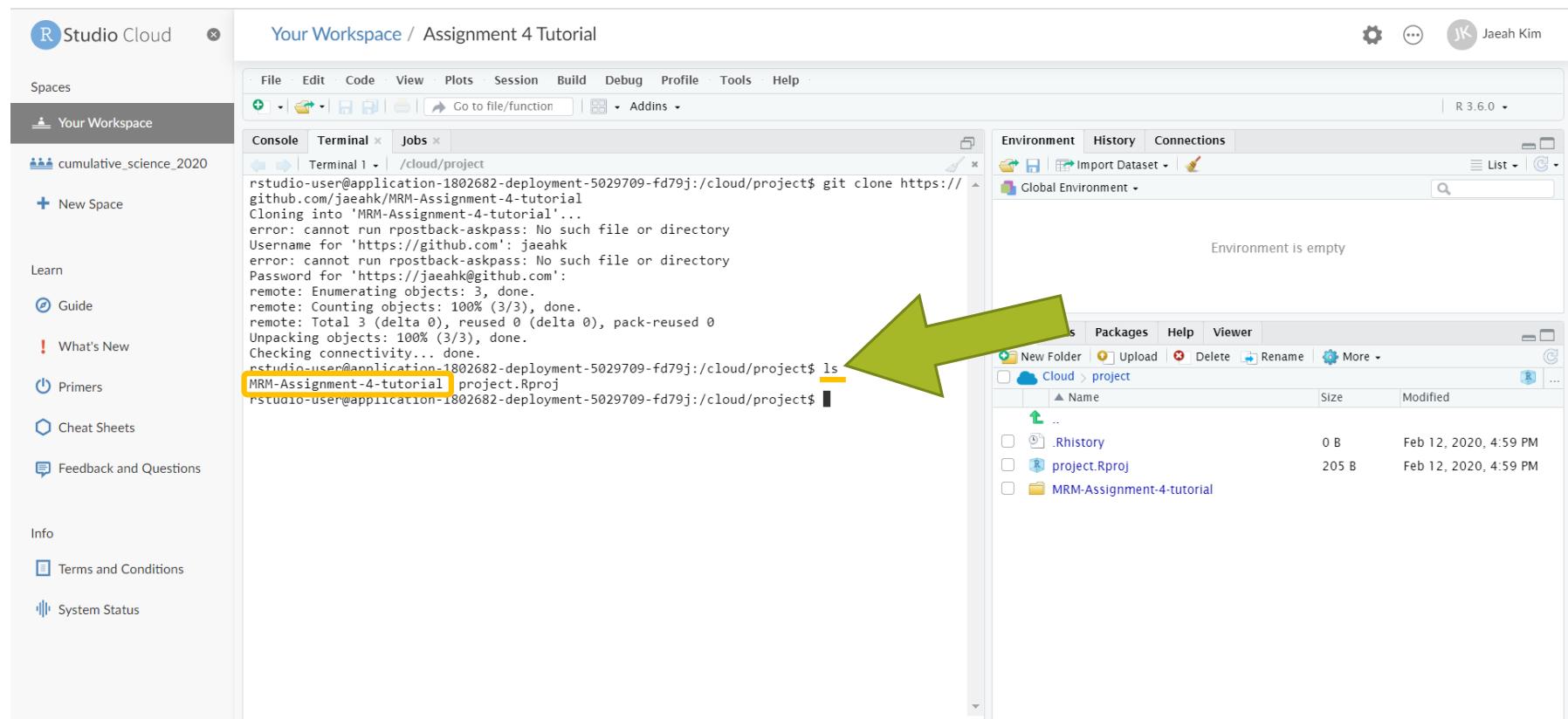
Cloning repository onto local machine/cloud



Cloning repository onto local machine/cloud



Cloning repository onto local machine/cloud



Setting up your git environment

The screenshot shows the R Studio Cloud interface with the following details:

- Left Sidebar:** Contains sections for Spaces (Your Workspace, cumulative_science_2020), Learn (Guide, What's New, Primers, Cheat Sheets, Feedback and Questions), and Info (Terms and Conditions, System Status).
- Top Bar:** Your Workspace / Assignment 4 Tutorial. Includes File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help menus. A Go to file/function search bar and Addins dropdown.
- Terminal Tab:** Shows the following command history:

```
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git clone https://github.com/jaeahk/MMR-Assignment-4-tutorial
Cloning into 'MMR-Assignment-4-tutorial'...
error: cannot run rpostback-askpass: No such file or directory
Username for 'https://github.com': jaeahk
error: cannot run rpostback-askpass: No such file or directory
Password for 'https://jaeahk@github.com':
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ ls
MMR-Assignment-4-tutorial project.Rproj
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.email "jaeah2014@gmail.com"
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.name "Jaeah Kim"
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$
```
- Environment Tab:** Shows the Global Environment pane which is currently empty.
- Files Tab:** Shows the Cloud > project directory listing:

Name	Size	Modified
..		
.Rhistory	0 B	Feb 12, 2020, 4:59 PM
project.Rproj	205 B	Feb 12, 2020, 4:59 PM
MMR-Assignment-4-tutorial		

Navigating to repository (in terminal)

The screenshot shows the R Studio Cloud interface. On the left, there's a sidebar with 'Your Workspace' selected. The main area has tabs for 'Console', 'Terminal', and 'Jobs'. The 'Terminal' tab is active, showing a terminal session in 'Terminal 1' with the following command history:

```
rstanode-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git clone https://github.com/jaeahk/MRM-Assignment-4-tutorial
Cloning into 'MRM-Assignment-4-tutorial'...
error: cannot run rpostback-askpass: No such file or directory
Username for 'https://github.com': jaeahk
error: cannot run rpostback-askpass: No such file or directory
Password for 'https://jaeahk@github.com':
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
rstanode-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ ls
MRM-Assignment-4-tutorial project.Rproj
rstanode-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.email "jaeah2014@gmail.com"
rstanode-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.name "Jaeah Kim"
rstanode-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ cd MRM-Assignment-4-tutorial/
rstanode-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$ ls
README.md
rstanode-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$
```

The 'README.md' file is highlighted with a yellow box. On the right, there's a 'Files' browser showing the contents of the 'project' folder:

Name	Size	Modified
..		
.Rhistory	0 B	Feb 12, 2020, 4:59 PM
project.Rproj	205 B	Feb 12, 2020, 4:59 PM
MRM-Assignment-4-tutorial		

Navigating to repository (in file explorer)

The screenshot shows the R Studio Cloud interface. On the left is a sidebar with navigation links: Spaces, Your Workspace (selected), cumulative_science_2020, New Space, Learn, Guide, What's New, Primers, Cheat Sheets, Feedback and Questions, Info, Terms and Conditions, and System Status. The main area has tabs for Console, Terminal (selected), and Jobs. The Terminal tab shows the following command-line session:

```
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git clone https://github.com/jaeahk/MRM-Assignment-4-tutorial
Cloning into 'MRM-Assignment-4-tutorial'...
error: cannot run rpostback-askpass: No such file or directory
Username for 'https://github.com': jaeahk
error: cannot run rpostback-askpass: No such file or directory
Password for 'https://jaeahk@github.com':
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ ls
MRM-Assignment-4-tutorial project.Rproj
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.email "jaeah2014@gmail.com"
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.name "Jaeah Kim"
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ cd MRM-Assignment-4-tutorial/
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$ ls
README.md
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$
```

The Environment tab shows an empty global environment. The right side features a file explorer with a yellow circle highlighting the 'Cloud > project' folder. A green arrow points to the 'MRM-Assignment-4-tutorial' folder within this folder. The file explorer table is as follows:

Name	Size	Modified
..		
.Rhistory	0 B	Feb 12, 2020, 4:59 PM
project.Rproj	205 B	Feb 12, 2020, 4:59 PM
MRM-Assignment-4-tutorial		

Making a change

The screenshot shows the R Studio Cloud interface with the following components:

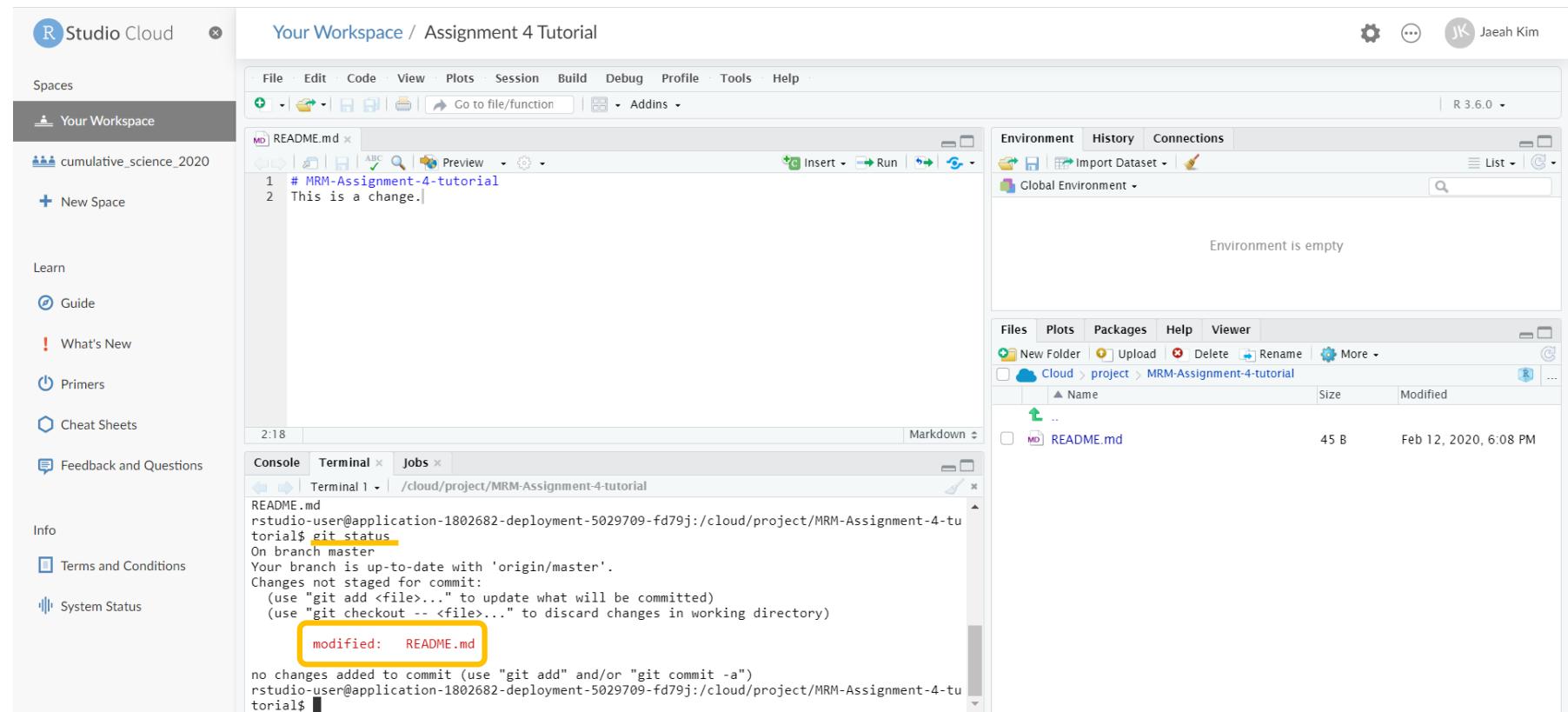
- Left Sidebar:** Contains sections for Spaces (Your Workspace, cumulative_science_2020, New Space), Learn (Guide, What's New, Primers, Cheat Sheets, Feedback and Questions), and Info (Terms and Conditions, System Status).
- Header:** Your Workspace / Assignment 4 Tutorial, R 3.6.0.
- Code Editor:** README.md file open, showing the text:

```
1 # MRM-Assignment-4-tutorial
2 This is a change.|
```

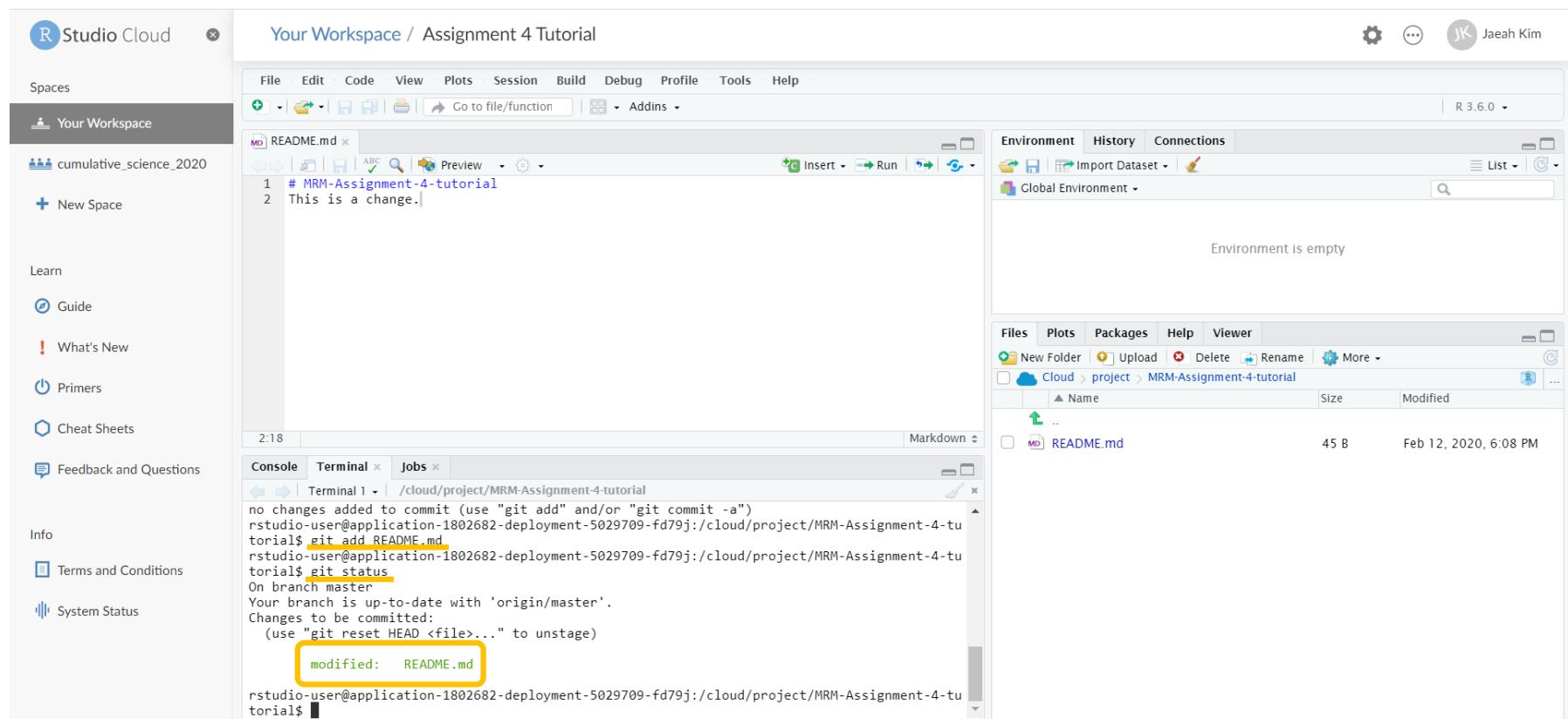
The line "This is a change." is highlighted with a yellow selection bar.
- Environment:** Shows the Global Environment which is currently empty.
- Files:** Shows a list of files in the project: README.md (45 B, Feb 12, 2020, 6:08 PM).
- Terminal:** Shows a terminal session with the following output:

```
Checking connectivity... done.
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ ls
MRM-Assignment-4-tutorial project.Rproj
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.email "jaeah2014@gmail.com"
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ git config --global user.name "Jaeah Kim"
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project$ cd MRM-Assignment-4-tutorial/
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$ ls
README.md
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$
```

Checking repo status



Adding/staging the change before commit



Committing the change (to local repo)

The screenshot shows the R Studio Cloud interface with the following details:

- Left Sidebar (Spaces):** Your Workspace (selected), cumulative_science_2020, New Space.
- Top Bar:** Your Workspace / Assignment 4 Tutorial, File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help, Addins, R 3.6.0.
- Code Editor:** README.md (MD) containing the content:

```
1 # MRM-Assignment-4-tutorial
2 This is a change.
```
- Environment Tab:** Environment, History, Connections. Global Environment: Environment is empty.
- Files Tab:** Files, Plots, Packages, Help, Viewer. Cloud > project > MRM-Assignment-4-tutorial. A file named README.md is listed with 45 B size and modified on Feb 12, 2020, 6:08 PM.
- Console Tab:** Terminal 1 - /cloud/project/MRM-Assignment-4-tutorial. The terminal output shows:

```
modified: README.md
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$ git commit -m 'Added demonstrative change to README file.'
[master b8c9812] Added demonstrative change to README file.
 1 file changed, 2 insertions(+), 1 deletion(-)
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$ git status
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
nothing to commit, working directory clean
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$
```

A yellow box highlights the message "Your branch is ahead of 'origin/master' by 1 commit. (use "git push" to publish your local commits)".

Pushing the change to GitHub

The screenshot shows the R Studio Cloud interface with the following details:

- Left Sidebar:** Shows "Your Workspace / Assignment 4 Tutorial".
 - Spaces:** Your Workspace (selected), cumulative_science_2020.
 - Learn:** Guide, What's New, Primers, Cheat Sheets, Feedback and Questions.
 - Info:** Terms and Conditions.
- Terminal Session:** Terminal 1 - /cloud/project/MRM-Assignment-4-tutorial
 - Output:

```
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$ git push
warning: push.default is unset; its implicit value has changed in
Git 2.0 from 'matching' to 'simple'. To squelch this message
and maintain the traditional behavior, use:

    git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

    git config --global push.default simple

When push.default is set to 'matching', git will push local branches
to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'
behavior, which only pushes the current branch to the corresponding
remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.
(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode
'current' instead of 'simple' if you sometimes use older versions of Git)

error: cannot run postback.askpass: No such file or directory
Username for 'https://github.com': jaeahk
error: cannot run postback.askpass: No such file or directory
Password for 'https://jaeahk@github.com':
Committer name: jaeahk

Writing objects: 100% (3/3), 314 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/jaeahk/MRM-Assignment-4-tutorial
  95710c7..b8c9812  master -> master
```
- Environment:** Global Environment (empty).
- Files:** Files tab, showing README.md (45 B, Feb 12, 2020, 6:08 PM).

Two green arrows point from the bottom left towards the terminal output area, highlighting the error messages related to the 'postback.askpass' file.

Checking status

Your Workspace / Assignment 4 Tutorial

Spaces

Your Workspace

cumulative_science_2020

New Space

Learn

Guide

What's New

Primers

Cheat Sheets

Feedback and Questions

Info

Terms and Conditions

System Status

Source

Console Terminal Jobs

Terminal 1 /cloud/project/MRM-Assignment-4-tutorial

```
To squelch this message and adopt the new behavior now, use:  
git config --global push.default simple  
When push.default is set to 'matching', git will push local branches  
to the remote branches that already exist with the same name.  
Since Git 2.0, Git defaults to the more conservative 'simple'  
behavior, which only pushes the current branch to the corresponding  
remote branch that 'git pull' uses to update the current branch.  
See 'git help config' and search for 'push.default' for further information.  
(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode  
'current' instead of 'simple' if you sometimes use older versions of Git)  
  
error: cannot run rpostback-askpass: No such file or directory  
Username for 'https://github.com': jaeahk  
error: cannot run rpostback-askpass: No such file or directory  
Password for 'https://jaeahk@github.com':  
Counting objects: 3, done.  
Writing objects: 100% (3/3), 314 bytes | 0 bytes/s, done.  
Total 3 (delta 0), reused 0 (delta 0)  
To https://github.com/jaeahk/MRM-Assignment-4-tutorial  
95710c7..b8c9812 master -> master  
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$ git status  
On branch master  
Your branch is up-to-date with 'origin/master'.  
nothing to commit, working directory clean  
rstudio-user@application-1802682-deployment-5029709-fd79j:/cloud/project/MRM-Assignment-4-tutorial$
```

Environment History Connections

Import Dataset

Global Environment

Environment is empty

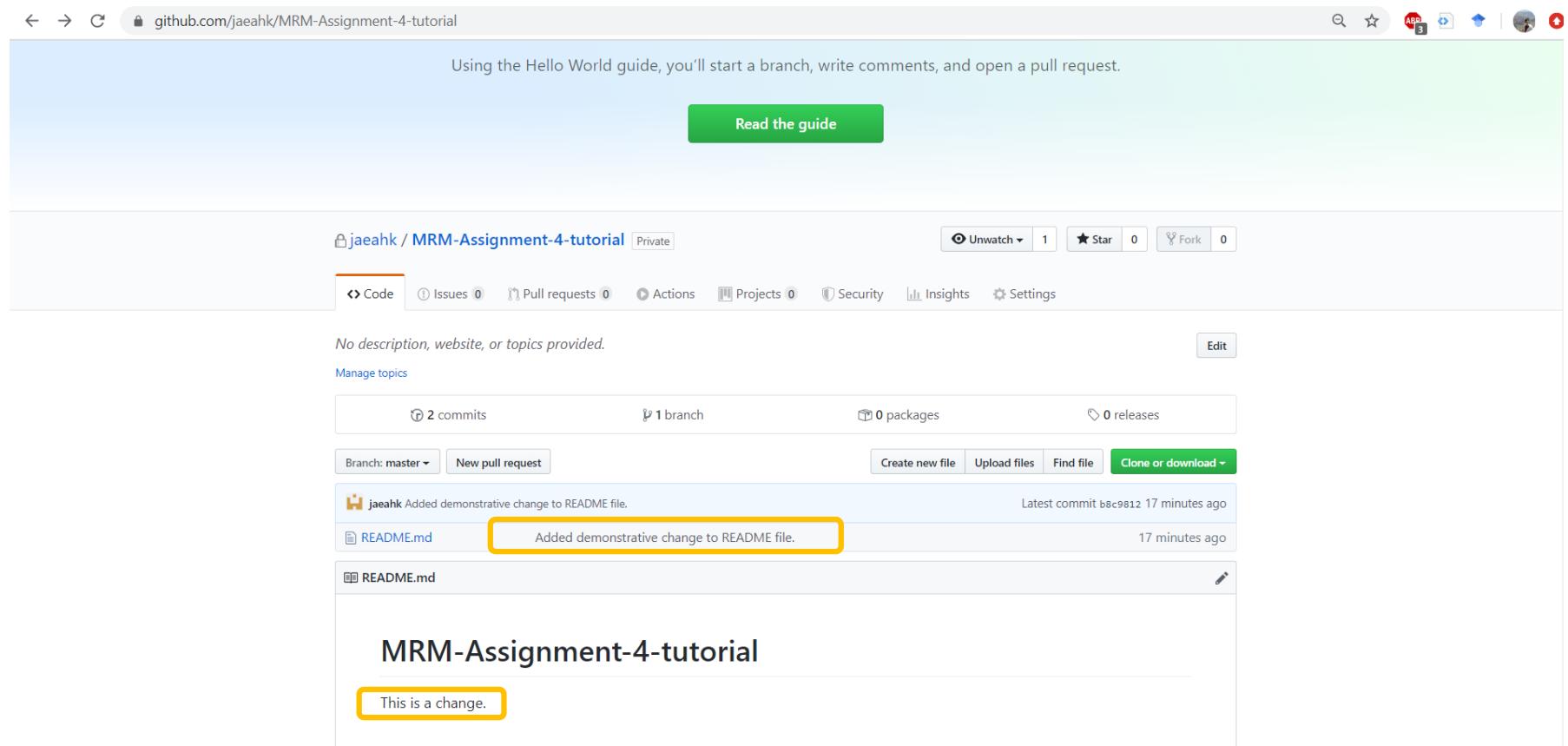
Files Plots Packages Help Viewer

New Folder Upload Delete Rename More

Cloud > project > MRM-Assignment-4-tutorial

Name	Size	Modified
README.md	45 B	Feb 12, 2020, 6:08 PM

Can see that change was pushed



Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

[Read the guide](#)

[jaeahk / MRM-Assignment-4-tutorial](#) Private

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[Code](#) [Issues 0](#) [Pull requests 0](#) [Actions](#) [Projects 0](#) [Security](#) [Insights](#) [Settings](#)

No description, website, or topics provided. [Edit](#)

Manage topics

2 commits 1 branch 0 packages 0 releases

Branch: master [New pull request](#) [Create new file](#) [Upload files](#) [Find file](#) [Clone or download](#)

jaeahk Added demonstrative change to README file. Latest commit b8c9812 17 minutes ago

README.md **Added demonstrative change to README file.** 17 minutes ago

README.md [Edit](#)

MRM-Assignment-4-tutorial

This is a change.

Some basic Linux commands

In the Terminal:

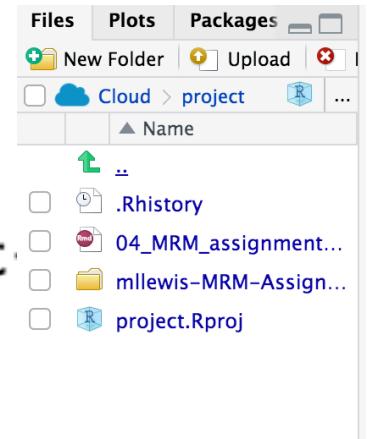
cd – change your current directory

```
MRMSTUDENT$ cd mllewis-MRM-Assignment
```

ls – shows you the files in your directory

```
MRMSTUDENT$ ls  
README.md filter_flamingo_molly.jpg
```

Your place in the Rstudio visual directory and the Terminal are not the same!



```
warning: push.default is unset; its implicit value has changed in  
Git 2.0 from 'matching' to 'simple'. To squelch this message  
and maintain the traditional behavior, use:
```

```
git config --global push.default matching
```

To squelch this message and adopt the new behavior now, use:

```
git config --global push.default simple
```

When `push.default` is set to '`matching`', git will push local branches to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative '`simple`' behavior, which only pushes the current branch to the corresponding remote branch that '`git pull`' uses to update the current branch.

See '`git help config`' and search for '`push.default`' for further information.

(the '`simple`' mode was introduced in Git 1.7.11. Use the similar mode

'`current`' instead of '`simple`' if you sometimes use older versions of Git)

```
error: cannot run rpostback-askpass: No such file or directory
```

If you get this error,
ignore it!

New R function: clean_names()

- In the Janitor package
- Cleans the names of the variables in a data frame
- By default, does “snake_case”

```
# Create a data.frame with dirty names
test_df <- as.data.frame(matrix(ncol = 6))
names(test_df) <- c("firstName", "ábc@!*", "% successful (2009)",
                    "REPEAT VALUE", "REPEAT VALUE", "")
```

Clean the variable names, returning a data.frame:

```
test_df %>%
  clean_names()
#>   first_name abc percent_successful_2009 repeat_value repeat_value_2  x
#> 1          NA  NA                  NA          NA          NA NA
```