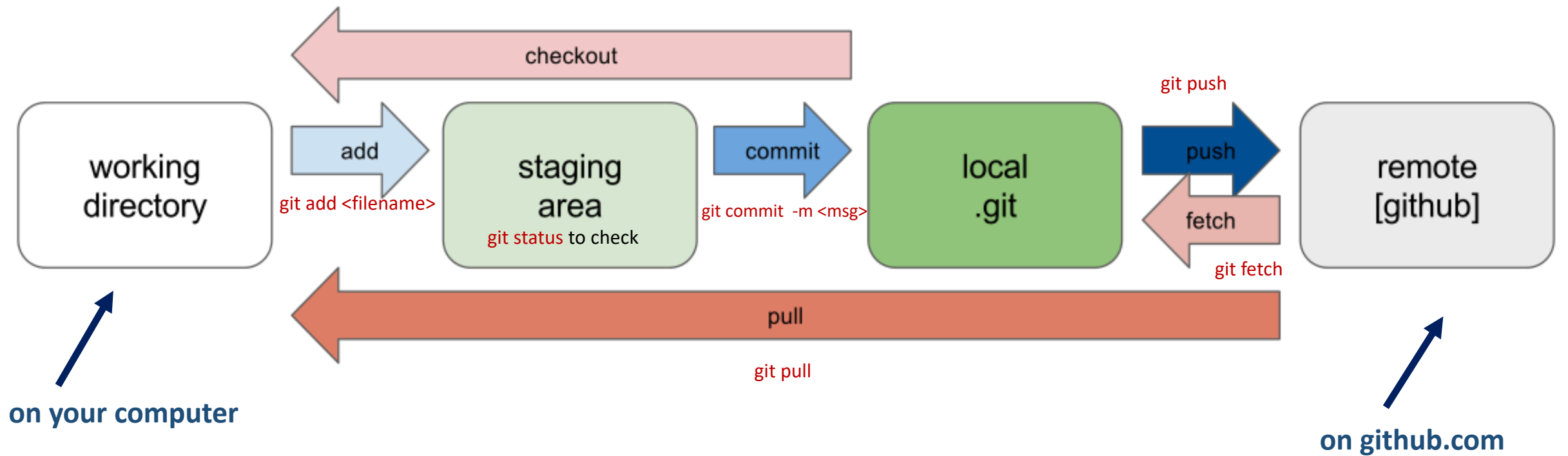


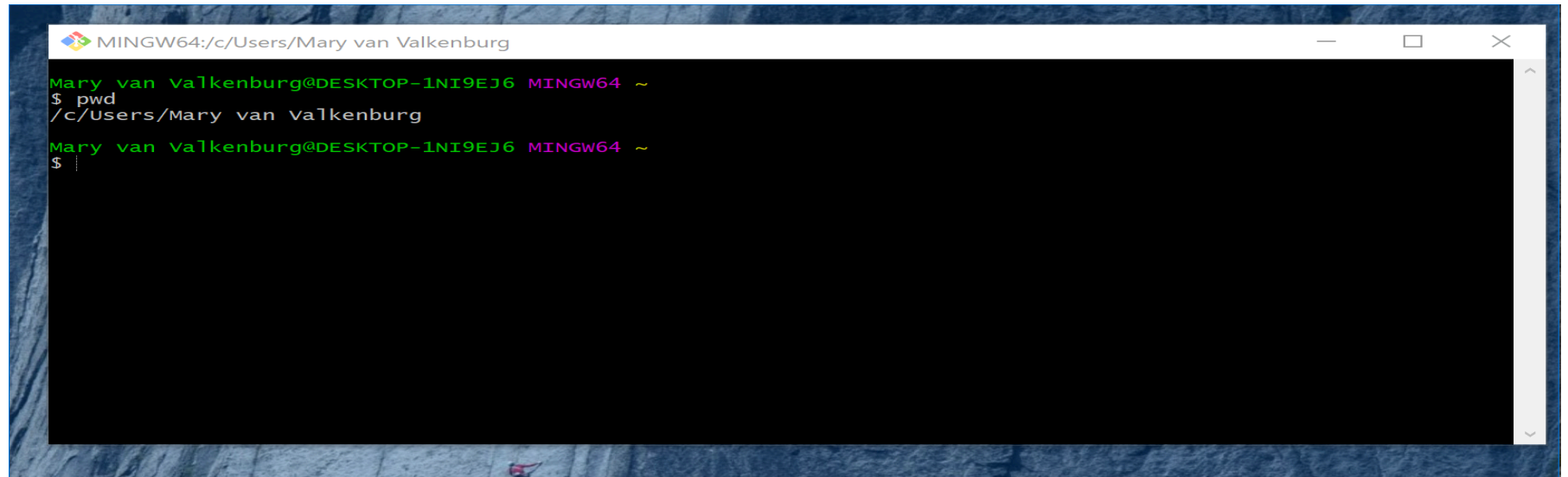


Intro to git and GitHub



(should already be done)

- Install git (<https://git-scm.com/downloads>)
- Create an account at <https://github.com/>
- Since we will be working in Windows for our Excel projects, everyone will need to clone the Excel assignment repositories to the Windows machine
- On Windows:
 - Open Git Bash:

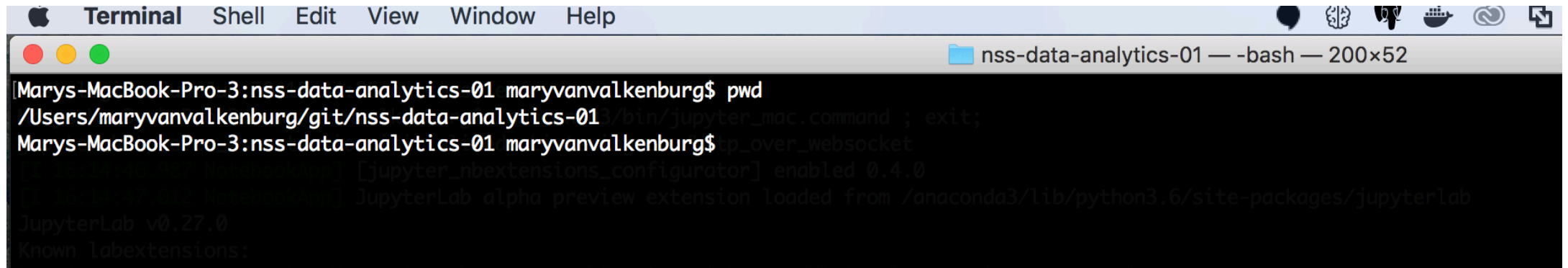
A screenshot of a Git Bash terminal window. The title bar shows 'MINGW64:/c/Users/Mary van Valkenburg'. The terminal content shows the user 'Mary van Valkenburg@DESKTOP-1NI9EJ6' in a 'MINGW64' environment. The user has entered the command 'pwd' and the output is '/c/Users/Mary van Valkenburg'. The prompt '\$' is visible at the end of the line.

```
MINGW64:/c/Users/Mary van Valkenburg
Mary van Valkenburg@DESKTOP-1NI9EJ6 MINGW64 ~
$ pwd
/c/Users/Mary van Valkenburg
Mary van Valkenburg@DESKTOP-1NI9EJ6 MINGW64 ~
$ |
```

If Git Bash didn't install automatically with git, you can get it here: <https://gitforwindows.org/>

For Mac/Linux users for later

- When working on Mac:
 - Open Terminal



```
Terminal  Shell  Edit  View  Window  Help
nss-data-analytics-01 — -bash — 200x52
[Marys-MacBook-Pro-3:nss-data-analytics-01 maryvanvalkenburg$ pwd
/Users/maryvanvalkenburg/git/nss-data-analytics-01
[Marys-MacBook-Pro-3:nss-data-analytics-01 maryvanvalkenburg$ ./bin/jupyter_mac.command ; exit;
Marys-MacBook-Pro-3:nss-data-analytics-01 maryvanvalkenburg$ jupyter lab --ip_over_websocket
[jupyter_nbextensions_configurator] enabled 0.4.0
JupyterLab alpha preview extension loaded from /anaconda3/lib/python3.6/site-packages/jupyterlab
JupyterLab v0.27.0
Known labextensions:
```

- Find your working directory with this command: **pwd**
 - These are other helpful shell commands for navigating through your directories:
 - **ls** lists the contents of the current directory
 - **cd <directory name>** changes the directory to the one specified
 - **cd ..** Takes you up one level in the directory structure

Try it out for a few minutes.

1. Open Git Bash
2. Print your working directory
3. List the contents of your working directory
4. Choose a directory (folder) from those contents and navigate to that folder
5. Print the contents of *that* folder
6. Navigate back to your working directory (check it with the pwd command)

- Navigate to your projects folder (where you want to create your local git repositories)
- Clone **your remote repository** to create a **local repo**
 1. ( repository url from github.com by clicking the green button
 2. In **Git Bash** type **git clone <url to repository that you copied>**