Part 2: Command Line

1. **clone** the repository onto your local machine using the command line. For an explanation of how to do this, see [GitHub's documentation](#).

```
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1$ git clone https://github.com/jqzhuuuu/Pages.git
Cloning into 'Pages'...
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), 586 bytes | 27.00 KiB/s, done.
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1$ ls
Pages
```

2. **cd** into the repo folder and create a new git **branch** called "add-read-me" (can be done either locally or through GitHub) and **checkout** that branch into your local repository.

```
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1$ cd Pages
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ git branch add-read-me
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ git checkout add-read-me
Switched to branch 'add-read-me'
```

3. Add the text "*Your name*'s User Page" to the "README.md" file. This can be done using a separate text editor.

```
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ vim README.md
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ ls
README.md
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ cat README.md
# Pages
Joshua Zhu's User Page
```

4. **add** the new file to git.

```
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ git add README.md
```

5. **commit** the files with the commit message "Update readme file".

```
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ git commit -m "Update readme file"
[add-read-me bb7fb07] Update readme file
 1 file changed, 2 insertions(+), 1 deletion(-)
```

6. **push** the commit to the remote branch. (you may need to use the **set-upstream** flag if you created the branch locally).

```
jqzhuuuu@ZHU-LAPTOP:/mnt/c/Users/admin/Desktop/Files/UCSD/Second Year/CSE110/Lab 1/Pages$ git push https://github.com/jqzhuuuu/Pages.git add-read-me
Username for 'https://github.com': jqzhuuuu
Password for 'https://jqzhuuuu@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 275 bytes | 137.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'add-read-me' on GitHub by visiting:
remote:      https://github.com/jqzhuuuu/Pages/pull/new/add-read-me
remote:
To https://github.com/jqzhuuuu/Pages.git
 * [new branch]      add-read-me -> add-read-me
```

VSCode UI + .gitignore

SOURCE CONTROL   ...

∨ **SOURCE CONTROL REPOSITORIES**

Pages Git   ⌄ add-PID-prgm-language+ ⌐ ✓ ↻ ··· 2

∨ **SOURCE CONTROL**   ☰ ✓ ↻ ···

Update Favorite Programming Language

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