Clarusway

Git / Github Workhop-2 : Git Operations

Learning Goals

- Purpose of the this coding challenge is to learn git basics operations.

Introduction

At the end of the this workshop, students will be able to;

- clone a repositoriy from GitHub

- make basic Git operations in local repository

- send the changes to remote repository

Preparation

If you have not already done so, set up a GitHub account and send me (tyler@clarusway.com) an email message telling me about the account.

Code Along

1. Go to your GitHub account.

2. **Fork** the **https://github.com/TylerCounter/project-xv** repository.

3. At terminal / git bash:

- Clone **project-xv** remote repository from your Github account to your computer.

```
git clone https://github.com/xxxxxxxxx/project-xv
```

4. Change directory to **project-xv/participants**

```
cd project-xv/participants
```

5. create a file named "your_number_name.txt".

```
vim C007-tyler.txt
```

6. First, stage the changes.

```
git add .
```

7. then commit your changes. Use a meaningful message like "Added information about YOUR NAME HERE."

```
git commit -m "xxxxxxx"
```

8. Create a new branch named "developer-your_number_and_name". (ex: **develeper-C007-tyler**) then switch to it.

```
git branch developer-C007-tyler
git checkout developer-C007-tyler
```

5. edit the fiel named "your_number_name.txt"** (ex: add a sentence)

```
vim C007-tyler.txt
```

6. Stage the changes.

```
git add .
```

7. Then commit your changes.

```
git commit -m "xxxxxxx"
```

8. Switch to the "main" branch.

```
git checkout main
```

9. Open and edit the file named "your_number_name.txt"** (ex: add a sentence)

```
vim C007-tyler.txt
```

10. Stage and commit the changes

```
git add .
git commit -m "xxxxx"
```

11. Merge the "developer" branch to "main" branch

```
git merge develope-XXXX
```

12. **Fix the merge conflig if you have!!!**

13. Check the remote repo URL which is connected with your local repo.

```
git remote -v
```

13. Send your change to the Tyler's remote repository. (https://github.com/TylerCounter/project-xv)

```
git push -u <remote> <branch>
```

14. Make a pull request.

Then wait for the answer of the repository owner..... 😃

⏳ Happy Coding ✍