**LAB ACTIVITY 3 (Git)**

|  |  |
| --- | --- |
| Groupmates | Tasks |
| Lanao, Vian Jay | *Provided ideas for the documentation and process.* |
| Ocampo, Geraldine B | *Provided ideas for lab activity.* |
| Padilla, John Xavier O | *Provided ideas for the lab activity.* |
| Zamora, Jenny L | *Provided the device used in this Lab activity and documentation. The one who run commands* |

Documentation

1. **Installation of git**

|  |  |
| --- | --- |
| First download git at <https://git-scm.com/downloads>  After downloading install. |  |
| In the beginning of installation you will see git information’s like public license, preamble, Etc.  Click **next** to proceed |  |
| Next Select components  These are the default components of git.  You need to select/double check the ff if they are checked.   * Windows explorer integration   + Git bash here   + Git GUI here * Git lfs * Associate .git * Associate .sh files   Click next. |  |
| Choose Let git decide to use default branch name “**master**”  Click next. |  |
| In choosing the SSH executable select  **use bundles penSSH**  Then click next |  |
| Choose a **Git Credential Manager core** to proceed in this step |  |
| Wait until the installation to be completed. |  |
| Git is successfully installed click finish! |  |

1. **Choose a folder and set-up git:**

|  |  |
| --- | --- |
| We created a new folder in desktop by using the command **mkdir** |  |
| we set up the username to jenny by using the command **git config –global user.name “jenny”**  we set up the user email to jenzam32@yahoo.com by using the command **git config –global user.email** [**jenzam32@yahoo.com**](mailto:jenzam32@yahoo.com)  we also double check the email and username by using the command  **git config user.name**  **git config user.email** |  |

1. **Git help**

|  |  |
| --- | --- |
| Git help command will show all the common commands used in git. |  |

1. **Git init**

|  |  |
| --- | --- |
| Type git init to make the folder your repository, you’ll will notice the **master** written at the of the directory it means the folder is the repository. |  |

1. **Creating documentation in the repository**

|  |  |
| --- | --- |
| We added an empty document in the folder |  |
| Use **git status** to view status and see error as you can see the file is in red font means its not added yet I the repository  To add it type **git add wma4Blab3.docx**  Check status again you will notice **new file : wma4Blab3.docx** it means its successfully added. |  |
| I edited the file and added the installation part. |  |
| I check the git status again in the git bash as you can notice there is a message saying **modified: wma4Blab3.docx**  which means the file is edited.  To update your repository  Use command **git add wma4Blab3.docx** |  |
| To commit changes type command **git commit**  In our case we use **git commit -m**  to include message  Then we check git status if there are errors as you can see its all clean. |  |

* **Second commit:**

|  |  |
| --- | --- |
| I edited the word document file by adding the step 2 documentation |  |
| At first, we check for the git status.  I used **git add wma3Blab3.docx** to updated what will be committed  Then we used the command **git commit -m “second commit setting up git”** |  |

* **Third commit**

|  |  |
| --- | --- |
| Third step documentation is added in the document file. |  |
| we check for the git status if the file is modified then,  I used **git add wma3Blab3.docx** to updated what will be committed  Then we used the command **git commit -m “third commit Git help”** |  |

* **Fourth commit**

|  |  |
| --- | --- |
| the fourth step documentation is added on the document file. |  |
| we check for the git status if the file is modified then,  I used **git add wma3Blab3.docx** to updated what will be committed  Then we used the command **git commit -m “4th commit GIT INIT”** |  |

* **Fifth commit**

|  |  |
| --- | --- |
| We inserted all the documentation int the word file in the repository folder. |  |
| we check for the git status if the file is modified then,  I used **git add wma3Blab3.docx** to update what will be committed  Then we used the command **git commit -m “last commit created documentation inside repository”**  We also check git status to check errors |  |