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TEIT B

Assignment no-2 Part A

a. Create version control account on GitHub and using Git commands to create repository and push your code to GitHub.

1. Steps to Push and PULL version control repository to GitHub

|  |  |  |
| --- | --- | --- |
| Step  No | Command | Description |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Git Installation | | | | | | | | | | | | |  | Download Git from the  website: https://www.git-scm.com/ |
| 2 | Command line >git –version | | | | | | | | | | | | |  | If Git is installed, it should show something like git version X.Y |
| 3 | git config --global user.name  "w3schools-test"  git config --global user.ema "test@w3schools.com" | | | | | | | | | | | | | il | Configure Git  Change the user name and e-mail address to your own |
| 4 | mkdir | | | | | myproject | | | |  | | | |  | Creating Git Folder |
| cd | | myproject | | | | |  | |
|  | | | | |
| 5 | git init | | | | | | | | | | | | |  | Initialize Git  Initialized empty Git repository in  /Users/user/myproject/.git/ |
| 6 | git status | | | | | | | | | | | | |  | To check the status |
| 7 | git | | | | add | | index.html | | | | |  | |  | Add file to staging environment |
|  | | | | |
| 8 | git add | | | | | | --all | |  | | | | |  | add all files in the current directory to the Staging Environment: |
|  | |
| 9 | git commit -m "First release of Hello World!" | | | | | | | | | | | | |  | The committ command performs a commit, and the -m "message" adds a message. |
| 10 | git ind | | | | commit -a -m | | | | | | "Updated new line" | | |  | Skips staging environment |
| ex.html with a | | | | | |
| 11 | git | | | | log | |  | | | | | | |  | To view the history of commits for a repository, you can use the log command |
|  | |
| 12 | git *command* -help | | | | | | | | | | | | |  | See all the available options for the specific command |
| 13 | git help --all | | | | | | | | | | | | |  | See all possible commands |
| 14 | git commit -help | | | | | | | | | | | | |  | See help for specific command |
| 15 | git | | | | branch hello-world-images | | | | | | | | |  | a branch is a new/separate version of the main repository. This command creates a new branch hello-world-images |
|  | | | | | | | | |
| 16 | git | | | | checkout | | |  | | | | | |  | checkout is the command used to check out/ move to a branch |
|  | hello-world-images | | | | | | | | | |  | |
|  | | | | | | | | | |
| 17 | git | | | checkout master | | | | | | | | |  | | Used to switch between branches |
|  | | | | | | | | |
| 18 | https://github.com/ | | | | | | | | | | | | | | Create a new account on github |