

Questions

1. With version control, the following scenarios can happen:
 - a. Bugs can be hard to find.
 - b. Development process will be slower
 - c. Collaboration between different team members becomes more difficult
 - d. All of the above
2. Git and GitHub refer to one and the same thing
 - a. True
 - b. False
3. Git can be installed on Linux only
 - a. True
 - b. False
4. You should compile Git from source on Linux when:
 - a. You need to work with GitHub
 - b. You need a graphical client for Git
 - c. You need the latest release of Git
 - d. None of the above
5. It is mandatory that you set your user name and e-mail prior to using git by using git config --global:
 - a. True
 - b. False
6. The directory that contains the files necessary for the Git repository to work is called:
 - a. .git
 - b. git
 - c. .kernel
 - d. kernel
7. The git add command commits the changes done to the repository
 - a. True
 - b. False
8. You have to add a message to each and every commit you make
 - a. True
 - b. False
9. The command used to display the list of commits done to a specific repository is:
 - a. git diff
 - b. git log
 - c. git show
 - d. git display
10. GitHub.com is a paid service. There are no free accounts available:
 - a. True
 - b. False
11. If you want to download a whole copy of a remote repository is:
 - a. git pull
 - b. git push
 - c. git clone
 - d. git grab

12. If you want to upload committed changes to a remote repository, you issue:
- git clone
 - git push
 - git pull
 - git update
13. The git pull command is used to grab and commit all changes done on a remote repository:
- True
 - False
14. When you want to grab all the changes done on the remote repository but without actually committing it you issue:
- git pull
 - git merge
 - git fetch
 - git clone
15. If you want to know the changes between one commit and another, you use the following command:
- git diff
 - git log
 - git show
 - git display
16. Whenever you want to create a new branch, you issue the following command:
- git branch new
 - git branch
 - git checkout
 - git create branch
17. Once your work on a branch is done and you want to apply the changes done on it to the main branch, you issue the following command:
- git pull
 - git clone
 - git merge
 - None of the above
18. Rolling back a change using git reset --hard is not recommended as it will trash all commits done after the target commit:
- True
 - False

Answers

1. D
2. B
3. B
4. C
5. B – while not mandatory, Git will ask you every time you want to commit a change about your details.
6. A
7. B
8. A
9. B
10. B
11. A
12. B
13. A
14. C
15. A
16. B
17. C
18. A