**VERSION CONTROL**

* **Explain the meaning of version control?**

**Version control also known as source control is a way in which developers manage and track the changes of a software source code. Version control are software tools that help software teams to manage changes in software files over times. As technology keeps changing Version control keeps track of modifications, new updates and my more.**

* **Highlight a benefit of Version control.**

**A complete long term change history of every file:**

**This means that all the modifications, creation, deletion and updates made to the files by individual over the years are kept for records including author, dates and written notes. Having the complete history enables going back to previous version to help in root cause analysis for bugs and it critical need to fix problems in older version of software.**

* **Provide an application Version Control. This means, provide an example of how version control could be used.**

**Version control helps in so many ways for keep track and modifications of all program files. As part of good practice one of the workflows is COMMIT, once you have saved your files, you need to commit them, this means the changes you have made to files in your repository will be saved as version of the repo, and your changes are now ready to go on GitHub.**

* **Show a command used in version control (for example a Git command).**

**The following are some examples of Git commands: clone, commit, pull, blame, push and many other more all this have their special functions as push is when files is up to date, you can push your changes, to online repo.**