**Git & GitHub assignment**

**1.What is Git?**

**Ans** – Git is version control system.

**2.What do you understand by term version control system?**

**Ans** – version control system is used to keep record of every change done in files, who made what changes, file history & for collaborative work

**3.What is GitHub?**

**Ans**- GitHub is most popular distributed version control system.

**4.Mention some popular Git hosting services?**

**Ans-** GitHub, Gitlab etc.

**5.Different types of version control system?**

**Ans-** local version control system, centralised version control system, Distributed version control system.

**6.What benefits come with using git?**

**Ans-** We can keep track of different version of file, we can see who made what changes at which time & date, & we can do collaborative work.

**7.What is Git repository?**

**Ans-** Git repository is a remote server which save, take backup of all the files & version & change made by all collaborative developers file & any developer can pull those files for development.

**8.How can you initialize a repository in Git?**

**Ans-** using “git init” command