Q>**What is GIT and why it is used**?

A>

What🡪

It is an open distributed ***version******control*** *system* that allows developers to track changes to their codebase and collaborate on projects with other developers

Why🡪

1. When a developer makes a change to a code file, they can ***commit*** *that change to their local GIT repository*.
2. After that they can ***push*** *their changes to remote GIT repository* (e.g. server hosted by the company)
3. Other developers ***pull*** *the changes down from the remote repository and incorporate them into their code*.

Q> **What is version control system**?

A>

A VCS *records all the changes made to a file or set of data*, so a specific version may be called later if needed.

This helps ensure that all team members are working on the latest version of the file.

Q> **What is GitHub**?

A>

To provide internet hosting for version control and software development, GitHub makes used of GIT.

Q> **Popular GIT hosting services**?

1. GitHub
2. SourceForge
3. Gitlab
4. BitBucket

Q>