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Step trainee assignment for DSA & Git hub topic

**Data structure & Algorithms:**

Data structure and algorithm is a method of programming in which we use searching and sorting properties on arrays and link lists.

**Data structure:** Data structure is a process of organizing data in a sorting form inside any array, linked list, stacks and queues. It defines the relationship between the data, the operations that can be performed on the data, and the algorithms used to carry out these operations. Common data structures include arrays, linked lists, stacks, queues, trees, and hash tables.

**Algorithms:** Algorithms play a central role in the field of Data Structures and Algorithms (DSA). It is a branch of Computer Science which deals with the organizing and performing multiple functionalities on algorithms.

It uses Searching algorithms like: Binary search trees and linear search trees and sorting algorithms like merge sort, bubble sort e.t.c.

**Git hub:**

Git hub is a platform created specially for developers which is use to create repositories access files and use multiple commands to operate repos functions like push, pull, commit, create branches access branches and many others.

Some commands of git hub are below:

git clone <https://name-of-the-repository-link>

git branch <branch-name>

git push -u <remote> <branch-name>

git branch or git branch --list

git branch -d <branch-name>

git checkout <name-of-your-branch>

git status

git add <file>

git commit -m "commit message"

git push <remote> <branch-name>

git pull <remote>

Every developer uses these commands to access repositories and work on them.