**Training Notes**

* What is MAVEN?

Maven is a dependency and management and build tool, that see which library you can use in your project and put auto and build them and to sure that is run properly.

* How you can create a package in IntelliJ?

Package Created from Group id (when you type com.ss.ss.ss this can be shown on the SRC as folders packages).

* What is GIT?

GIT is Tool that allow developers no matter what is the stack to access to all of the code , make much more effective that able development teams to work on each size of massive application and some big application , Version control system to manage files as you are developer and can able to make git repository of you program on your computer and you can make a sync up by local lab or GitHub , use to track changes on the source code , allow multiple developer to work together and its nonlinear development because you have a thousand of the parallel branches .

* Example of GIT Status?

You have many git statuses like:

1. Head pointer: where is the head pointing, when you in the branches when you in a commit and this git status tell you if you in.
2. Compare remote tracking branch
3. Suggestion

* What is GIT Repository?

GIT repository is a. git folder when you create a project, this repository tracks all changes to some file in your project to, that’s mean if you delete git repository file this can delete all work in the file.

What is GIT Commit?

Git commit is when you change any thing it save as commit.

command : “git commit -m “modify

This Command mean that you are make a change .

What is Cloning Repository ?

Copy repository from GitHub to local computer

Command : git clone <https://github.com/abdulrahmanshawash/Traninig-.git>

This command mean that repository copied from GitHub to local computer .

What is the GIT Versions and difference between them?

You have two versions of GIT control :

* Central Version Control : Located in one place , have a problem when you need to access to central repository or central server .
* Distributed Version Control : Everyboady have a local repository .

Push : add something to server

Fetch : take sth from server

بروح عالفولدر من cd

بعدين بعمل git init

Git add .

Git commit -m “”

git remote add trrepo <https://github.com/abdulrahmanshawash/Traninig-.git>

git push origin master --force