Assignment 1

1. What is git in software development ?

This is a DevOps tool used for source code management. It manages small to very large projects efficiently.

GIT= Global Information Tracker

It keeps track of the changes you make to files in order to record what you have done.

1. Steps for connecting a project on a machine or a computer on GitHub.

* First open the terminal.
* Navigate to the root directory of your project.
* Initialize the local directory as a git repository. (main- initial branch)
* Add files in your new local depository
* Commit files in your new local repository.
* Then push the files to the new local repository.

1. Give three name types of variables in python.

Integer (int) a number without a decimal part

Float a number with an integer value e.g. 4.5

String (str) an example is my\_name = “John”

Bool= true and false

Assignment 2

1. What is the difference between a parameter and an argument in a function?

Function parameters are names listed in the functions definition.

Function arguments are real values passed to the calling function

1. What is the use of the return statement?

It ends the execution of a function and returns control to the calling function.