* Task: Explore in Google and make a document:

1] What is Kernel?

* The kernel is a computer program at the core of a computers operating system and generally has complete control over everything in the system.
* It is the portion of the operating system code that is always resident in memory and facilitates interactions between hardware and software components.

2] Why we create kernel?

The kernel is the central manager of these processes.

* It knows which hardware resources are available and which processes need them.
* The kernel is critical to a computers operation and it requires careful protection within the systems memory.

3] What is library in python?

* A python library is a reusable chunk of code that you may want to include in your programs \ projects.

4] What is package in python?

* A python is a collection of modules.
* Modules that are related to each other are mainly put in the same package.

5] What is difference between library and package in python?

* Packages are collection of related modules that aim to achieve a common goal.
* Finally, the python standard library is a collection of packages and modules that can be used to access built in functionality.

6] How to create my name in python Jupiter [syntax]

A] SYNTAX

1] Int[1] name ‘‘AFREEN’’

Int [2]print [ name]

OUT PUT

AFREEN

7] What is difference between ‘’string’’ and ‘’int’’ data types in python?

* An integer is a value that you can perform integer operations on such as adding dividing etc.
* A string is a collection of characters which may be non- numeric and is usually optimized for string operations such as splitting into substring internal searches for substring and joining to other strings.

8] What is ‘’syntax error EOL error’’ in python?

* In computer science a syntax error is an error in the syntax of a sequence of characters.
* A syntax errors are detected at compile time .A program will not compile until all syntax errors are corrected.