1. What is kernel ?

Ans. A kernel is a runtime environment that provides programming language support for the Jupyter Notebook application

1. Why we create kernel?

Ans. kernel is the central manager of these processes. It knows which hardware resources are available and which processes need them. It then allocates time for each process to use those resources. The kernel is critical to a computer's operation, and it requires careful protection within the system's memory

1. What is library in python?

Ans. A Python library is **a collection of related modules**. It contains bundles of code that can be used repeatedly in different programs

1. What is package in python?

Ans. A Python library is **a collection of related modules**. It contains bundles of code that can be used repeatedly in different programs.

1. What is difference between library and package in python?

Ans. Library is a collection of related modules or materials of a entire project, Python package is a collection of modules of same package which are related to each other

1. how to create a my name in python jupyter(syntax)?

Ans.With the help of string, we can create my name in the python jupyter. i.e. variable=Value my\_name=”Rahethunnisa”

1. What is difference between "string" and "int" data types in python?

Ans. String is used to convey the textual information and “int” is used to convey numerical information

1. What is "syntax error: EOL error" in python?

Ans. EOL error means end of line, it doesn’t have a closing or a beginning tag. So, we should add that to get the correct answer