1. What is kernel ?

Ans:The kernel is a computer program at the core of a computer's operating system and generally has complete control over everything in the system.

2. Why we create kernel?

Ans:It provides the interfaces needed for users and applications to interact with the computer.

3.what is library in phyton?

Ans:A Python library is also a group of interconnected modules. It contains code bundles that can be reused in a variety of programs. It simplifies and facilitates Python programming for programmers. Because then we won't have to write the very same code for different programs.

4. What is package in python?

Ans:A python package is a collection of modules. Modules that are related to each other are mainly put in the same package. When a module from an external package is required in a program, that package can be imported and its modules can be put to use.

5. 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.

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

ANS:1.with the help of string, create my name in the python jupyter.that is my-name=shanthi

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

ANS:Strings are sequences of characters that are used for conveying textual information. Ints, or integers, are whole numbers. They are used to represent numerical data, and you can do any mathematical operation (such as addition, subtraction, multiplication, and division) when working with integers.

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

ANS:In Python, we need both quotation marks to get the value. If leaving one of the quotation marks, it gives us syntax error.