1. What is kernel ?

It is the main layer between the OS and underlying computer hardware

1. Why we create kernel?

A **kernel connects and manages resources for a computer's operating system and components**

3.What is library in python

A Python library is also a group of interconnected modules. It contains code bundles that can be reused in a variety of programs

1. **What is package in python?**

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

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

Packages are a collection of related modules that aim to achieve a common goal

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

**The** simplest way to display your **name in Python** is to use **the** print() function

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

int is an integer, which is a real number. string is text. int is a primitive variable to store integer numbers. String is an object with methods that allow text manipulation

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

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