**What is diffrence between modules and package?**

**Module :**

A single file of code that can be imported into another module or program. Modules are designed to be reusable and can be added to a program as a whole.

**Package :**

A directory that contains multiple modules and an \_\_init\_\_.py file. Packages can contain sub-packages and modules, and each module and sub-package has its own namespace.

**How python is interpretator? / Is python is compile or interpreted language? / why python is interpreted language?**

Python is an interpreted language, which means that the Python interpreter converts the source code of a Python program into bytecode, which is then executed by the Python virtual machine.

An **interpreted** language is a high-level language run and executed by an interpreter (a program which converts the high-level language to machine code and then executing) on the go; it processes the program a little at a time.

A **compiled** language is a high-level language whose code is first converted to machine-code by a compiler (a program which converts the high-level language to machine code) and then executed by an executor (another program for running the code).