What is React ?

A JS library for building user interfaces ( to make user interfaces easier and faster )

Breaking apps into components

React combines HTM, CSS, JS into a single component, so each component has its own functionality, style and content to control. And you can repeat these components with different style,…

Each component get updates automatically without need of refreshing the page, so seems more interactive and faster. By oding comparison btw old and new dom tree

The difference between Library and Framework?

The terms "library" and "framework" are often used in the context of software development, but they refer to different concepts. Here's a brief explanation of each:

1. Library:

A library is a collection of pre-written code or functions that can be reused by other programs.

It typically consists of a set of functions, procedures, and classes that can be used to perform specific tasks without the need to write the code from scratch.

Libraries are generally focused on providing specific functionality or solving particular problems.

Developers can include a library in their code and use its functions as needed.

1. Framework:

A framework is a more comprehensive and structured set of tools, libraries, and conventions that provide a foundation for building software applications.

Unlike libraries, which are more like a set of functions, frameworks often dictate the overall structure and flow of an application.

Frameworks provide a skeleton or scaffolding that developers can build upon, enforcing a certain architecture or design pattern.

They are more opinionated and tend to guide the developer in terms of how to organize and structure their code.