

What's OOD?

- Object-oriented design (OOD) is the process of creating a software system or application utilizing an object-oriented paradigm. This technique permits the creation of a software solution based on object notion. OOD is an implementation of the object-oriented programming (OOP) paradigm.
- In the object-oriented design method, the system is considered a collection of objects (entities). The state is shared among the objects, and each object is responsible for its own state data.
- Tasks designed for a specific purpose cannot refer to or update data from other objects. Objects have internal data that represents their current state. Similar objects form a class (every object belongs to a class).

What's the operating system core language?

- C language was originally developed to write UNIX operating system. Also, the execution time of the programs written in C language is equivalent to that of assembly language, which has made C language the most crucial part in the development of various operating systems.
- Unix-Kernel, Microsoft Windows utilities and operating system applications, and a big segment of Android operating system have all been written in C language.

What's java script advantages?

- Client-Side Security.
- Less overhead (It is a lightweight language that does not require heavy software installations or hardware infrastructure to run).
- Inherently Fast (It can be used to build high-performance applications that can handle complex calculations and operations. Its ability to execute code on the client-side also makes it faster than server-side languages, reducing the time required for data transfer).
- JavaScript is easy to learn and implement.
- Popularity.
- It reduces server load.
- Versatility.
- JavaScript provides means of creating rich interfaces.

What is Fragmentation?

- Fragmentation refers to a process of information storage where the memory space of the system is used inadequately, thus reducing the overall efficiency or ability or both (sometimes).
- The implications of the process of fragmentation depend entirely on the specific allocation of storage space schemes in the operation along with the particular fragmentation types.
- In some instances, fragmentation leads to some unused storage capacity. This concept is also applicable to the generated unused space in this very situation.