Linux Administration

Administration positions have experienced tremendous growth over the last couple of decades. This will continue as data centres become more advanced and prevalent in corporate environments throughout the globe. There will continue to be advancements in automation that will eliminate some tasks while creating others. Thus, the ever-changing life of an administrator. In essence, the most successful administrators become chameleon like, therefore exhibiting the necessary adaptation skills to keep up with the continuous changes that take place. In order to succeed, you will need to do your best to learn this trait if it is not inherently within you.

Java

There are various features that makes the java as a simple language. Programs are easy to write and debug because java does not use the pointers explicitly. It is much harder to write the java programs that can crash the system but we can not say about the other programming languages. Java provides the bug free system due to the strong memory management. It also has the automatic memory allocation and deallocation system.

C++

Object Oriented Programme
To be an Object Oriented language, any language must follow at least the four characteristics.

- Inheritance: It is the process of creating the new classes and using the behavior of the existing classes by extending them just to reuse the existing code and adding the additional features as needed.
- Encapsulation: It is the mechanism of combining the information and providing the abstraction.

- Polymorphism: As the name suggest one name multiple form, Polymorphism is the way of providing the different functionality by the functions having the same name based on the signatures of the methods.
- Dynamic binding: Sometimes we don't have the knowledge of objects about their specific types while writing our code. It is the way   of providing the maximum functionality to a program about the specific type at runtime.

As the languages like Objective C, C++ fulfills the above four characteristics yet they are not fully object oriented languages because they are structured as well as object oriented languages. But in case of java, it is a fully Object Oriented language because object is at the outer most level of data structure in java. No stand alone methods, constants, and variables are there in java. Everything in java is object even the primitive data types can also be converted into object by using the wrapper class