What is inheritance and its types in C#?

Inheritance in C# is **the process of acquiring all the properties of one class into another class**. There are two classes referred to as base class and derived class. ... The derived class is known as the child class that is used to inherit the properties and methods of the base class or parent class. There are 6 types of inherence.

**What Does Polymorphism Mean?**

Polymorphism, in C#, is the ability of objects of different types to provide a unique interface for different implementations of methods. It is usually used in the context of late binding, where the behavior of an object to respond to a call to its method members is determined based on object type at run time. Polymorphism enables redefining methods in derived classes.

Polymorphism forms one of the fundamental concepts of object-oriented programming, along with encapsulation and inheritance.