

Inheritance

Q1-What is inheritance?

Ans1- Inheritance- This feature of object-oriented programming allows the child class to acquire the properties (the data members) and functionality (the member functions) of parent class. A class that inherits another class is known as child class, it is also known as derived class or subclass.

Q2-How many types of inheritance used in C++?

Ans2-There are five type of inheritance is used in object-oriented programming.

1. Single level inheritance
2. Multiple inheritance
3. heretical inheritance
4. Multilevel inheritance
5. Hybrid inheritance

Q3-Write short notes on multilevel inheritance.

Ans3-Multilevel inheritance-The classes can also be derived from the classes that are already derived. This type of inheritance is called multilevel inheritance

Q4-Write short notes on single level inheritance.

Ans4- single level inheritance-In single inheritance, there is only one base class and one derived class. The Derived class gets inherited from its base class. This is the simplest form of inheritance

