OOPS Concepts in JavaScript :

**Object-Oriented Programming (OOP) is a programming paradigm based on the concept of "objects" which contain data and methods to manipulate that data. JavaScript, though not purely an object-oriented language, supports OOP principles. Let's go through the main OOP concepts in JavaScript with examples and integrate them with HTML.**

**Classes and Objects :**

**Classes are blueprints for creating objects. Objects are instances of classes.**

**Inheritance :**

**Inheritance allows one class to inherit properties and methods from another class.**

**Encapsulation :**

**Encapsulation restricts direct access to some of an object's components and can prevent the accidental modification of data.**

**Polymorphism:**

**Polymorphism allows methods to do different things based on the object it is acting upon.**