

In 250 words or less: In your own words - describe the concept and mechanisms used in inheritance

Inheritance is a concept where a subclass inherits the methods and attributes from a superclass. This means that the attributes and methods of the superclass are also available in the subclass while avoiding duplication of code. To use inheritance the keyword "extends" is used followed by the name of the superclass in the header of the subclass, eg "public class Dog extends Animal". To invoke the constructor of the superclass the keyword "super" is used.