Inheritance



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Agenda

- > Inheritance
- > Types of inheritance

Inheritance

Deriving a new class by inheriting properties and methods of an old class is know an Inheritance.

Normal car



Properties



methods



Sport car



Properties





Types of inheritance

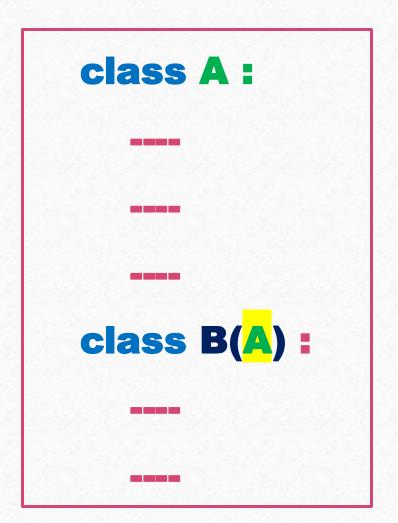
There are five types of inheritance



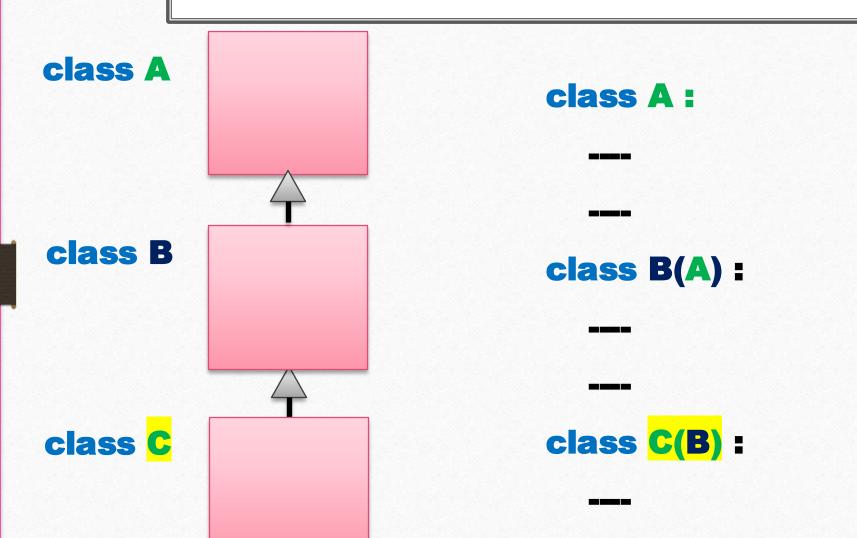
- Single level inheritance
- Multilevel inheritance
- Multiple inheritance
- Hierarchical inheritance
- Hybrid inheritance

Single inheritance

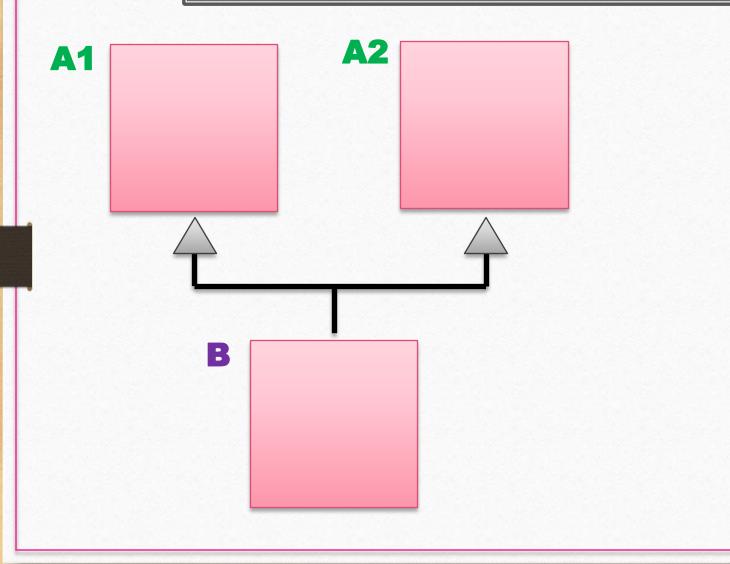
class A class B



Multilevel inheritance



Multiple inheritance



class A1: class A2:

---class B(A1, A2) :

Hierarchical inheritance class A: class B1 (A): **B2** class B2 (A):

Hybrid inheritance

 Hybrid Inheritance is implemented by combining more than one type of inheritance.

