Inheritance

Inheritance

- Inheritance is a way to declare new classes based on another class that was already defined.
- The new class, known as the derived class, inherits attributes and operations from the already existing class, also known as the base class.
- Objects instantiated from the derived class will include both the attributed that belong to the derived class and the ones that belong to the base class.

Inheritance

- Operations that were declared in the base class can be executed both on objects that were instantiated from the base class and objects that were instantiated from the derived one.
- Using inheritance it is possible to reuse code with nearly zero modifications and it is possible to implement polymorphism and a flexible design.

Cars Inheritance Sample



Cars Inheritance Sample



Cars Inheritance Sample

🚳 BlueJ: cars_sportcar		
Project Edit Tools	: View Help	
New Class > D Compile	Car	

Person Student Teacher Sample



Person Student Teacher Sample



Person Student Teacher Sample

