**SPORTS CAR**

Price setprice()

getprice()

Fuel Type setfueltype()

getfueltype()

Engine setengine()

Getengine()

Color setcolor()

getcolor()

Speed setspeed()

getspeed()

Safe Guard setsafeguard()

getsafeguard()

**CAR**

Price setprice()

getprice()

Fuel Type setfueltype()

getfueltype()

Engine setengine()

Getengine()

Color setcolor()

getcolor()

Syntax:-

class subclass **extends** superclass

{

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}

**Inheritance is a process where sub class acquires the properties of super class**

--The class which inherits the properties of other is known as “Sub Class” or

“Derived Class” or “Child Class”

--The class whose properties are inherited is known as “Super Class” or

“Base Class” or “Parent Class”

**INHERITANCE**

**Note :-**

1. Java does not support multiple inheritances. It supports only single inheritance.
2. Private members of the superclass are not accessible by the subclass but it cannot be indirectly accessed.

Student

Man & Woman

Student

Teacher

**Hierarchical Inheritance:-**

Person

Human

**Multilevel Inheritance:-**

Student

Person

**Single Inheritance:-**