CLASS

we will cover the following

- Declaration
- Implementation of Car Class
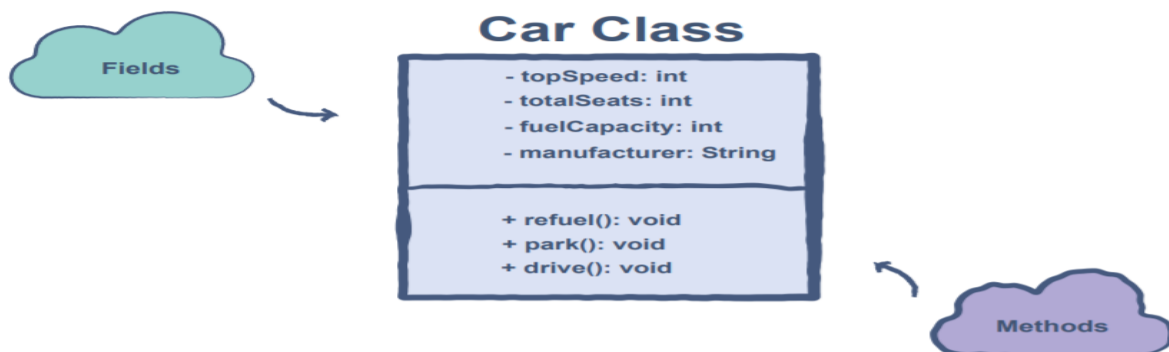- Creating a Class and its object

1.1 Declaration

we define classes in the following way:

class ClassName {

    // Class name /* All member variables and methods*/

}

The class command tells the compiler that we are creating our custom class. All the members of the class will be defined within the class scope.

1.3 implementation of car class

Let's implement the class car below:

```java
class Car { // Class name

    // Class Data members
    int topSpeed;
    int totalSeats;
    int fuelCapacity;
    String manufacturer;

    // Class Methods

    void refuel();
    void park();
    void drive();

}
```

1.3 Creating a Class Object

The name of the class, car, will be used to create an instance of the class car in our main program. We can create an object of a class by using the keyword new :

```java
// Class name ...
 class ClassName {

    // Main method
    public static void main(String args[]) {

        car obj = new car(); // car class  object

    }
}
```