//Car Class

**package** activity;

**public** **class** Car{

//Properties

String color;

String transmission;

**int** make;

**int** tyres = 4;

**int** doors = 4;

//Contructors

**public** Car(String color, String transmission, **int** make) {

**this**.color= color;

**this**.transmission = transmission;

**this**.make =make;

}

//methods

**public** **void** displayCharacterstics() {

System.***out***.println("The color is: "+color);

System.***out***.println("The transmission type is: "+transmission);

System.***out***.println("The car was made in: "+make);

System.***out***.println("It has "+ doors + "doors");

System.***out***.println("It has "+ tyres + "tyres");

}

**public** **void** accelerate() {

System.***out***.println("The car is moving forward");

}

**public** **void** brake() {

System.***out***.println("The car has stopped");

}

}