interface functions{

void applybreaks();

void speedup();

void gear();

}

class Bike implements functions{

public void speedup() {

System.out.println("\nThe Speed of Bike is 50 km/h ");

}

public void gear()

{

System.out.println("\nThere are 4 Gears in Bike");

}

public void applybreaks()

{

System.out.println("\nTwo Types of Breaks ");

}

}

class Bicycle implements functions

{

public void speedup()

{

System.out.println("\nThe Speed of Bicycle is 20 km/h");

}

public void gear()

{

System.out.println("\nThere are no Gears in Bicycle ");

}

public void applybreaks()

{

System.out.println("\nonly One Type of Break ");

}

}

class Car implements functions

{

public void speedup()

{

System.out.println("\nThe Speed of Car is 100 km/h ");

}

public void gear()

{

System.out.println("\nThere are 5 Gears in a Car");

}

public void applybreaks()

{

System.out.println("\nTwo Types of Breaks ");

}

}

class Interface

{

public static void main(String[]args)

{

System.out.println("The Information Provided is\n ");

System.out.println("\nBike :- ");

Bike sc = new Bike();

sc.speedup();

sc.gear();

sc.applybreaks();

System.out.println("\nBicycle :- ");

Bicycle bi = new Bicycle();

bi.speedup();

bi.gear();

bi.applybreaks();

System.out.println("\nCar :- ");

Car c = new Car();

c.speedup();

c.gear();

c.applybreaks();

}

}

OUTPUT:-

The Information Provided is

Bike :-

The Speed of Bike is 50 km/h

There are 4 Gears in Bike

Two Types of Breaks

Bicycle :-

The Speed of Bicycle is 20 km/h

There are no Gears in Bicycle

only One Type of Break

Car :-

The Speed of Car is 100 km/h

There are 5 Gears in a Car

Two Types of Breaks