

.....practicle 5.....

```
package practicle5;
interface vehicles{
    public void geerChange();
    public void speedUp();
    public void applyBreak();
}
class Bike implements vehicles{
    public void geerChange() {
        System.out.println("change the gear of bike");
    }
    public void speedUp() {
        System.out.println("change the speed of bike");
    }
    public void applyBreak() {
        System.out.println("apply breaks on bike");
    }
}

class Bicycle implements vehicles{
    public void geerChange() {
        System.out.println("change the gear of bicycle");
    }
    public void speedUp() {
        System.out.println("change the speed of bicycle");
    }
    public void applyBreak() {
        System.out.println("apply breaks on bicycle");
    }
}

class Car implements vehicles{
    public void geerChange() {
        System.out.println("change the gear of car");
    }
    public void speedUp() {
        System.out.println("change the speed of car");
    }
    public void applyBreak() {
        System.out.println("apply breaks on car");
    }
}

public class Inheritance {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        vehicles v;
        v=new Bike();
        v.geerChange();
        v.speedUp();
        v.applyBreak();

        v=new Bicycle();
        v.geerChange();
        v.speedUp();
        v.applyBreak();
    }
}
```

```
        v=new Car();
        v.geerChange();
        v.speedUp();
        v.applyBreak();
    }

}
```

```
.....output.....
change the geer of bike
change the speed of bike
apply breaks on bike
change the geer of bicycle
change the speed of bicycle
apply breaks on bicycle
change the geer of car
change the speed of car
apply breaks on car
```