```java
package com.principle.snigleresponsibility;

public class SingleResponsibility2 {
    public static void main(String[] args) {
        RoadVehicle car=new RoadVehicle();
        car.run("汽车");
        AirVehicle air=new AirVehicle();
        air.run("飞机");
        WaterVehicle ship=new WaterVehicle();
        ship.run("船");
    }
}


//方案2的分析
//1.遵守单一职责原则
//2.但是这样做的改动很大，即将类分解，同时修改客户端
//3.改进:直接修改Vehicle类，改动的代码会比较少=>方案三
class RoadVehicle{
    public void run(String vehicle){
        System.out.println(vehicle+"公路运行");
    }
}

class AirVehicle{
    public void run(String vehicle){
        System.out.println(vehicle+"天空运行");
    }
}

class WaterVehicle{
    public void run(String vehicle){
        System.out.println(vehicle+"水中运行");
    }
}
```