```
package com.principle.segregation;

public class Segreration1 {
    public static void main(String[] args) {

    }
}

interface Interface1{
    void operation1();
    void operation2();
    void operation3();
    void operation4();
    void operation5();
}

class A{  //A类通过接口Interface1依赖(使用)B类，但是只会用到1,2,3方法
    public void depend1(Interface1 i){
        i.operation1();
    }

    public void depend2(Interface1 i){
        i.operation2();
    }

    public void depend3(Interface1 i){
        i.operation3();
    }
}

class C {//C类通过接口Interface1依赖(使用)D类，但是只会用到4,5方法
    public void depend1(Interface1 i){
        i.operation4();
    }

    public void depend2(Interface1 i){
        i.operation5();
    }

}


class B implements Interface1 {
    @Override
    public void operation1() {
        System.out.println("B实现了 operation1");
    }

    @Override
    public void operation2() {
        System.out.println("B实现了 operation2");
    }

    @Override
    public void operation3() {
        System.out.println("B实现了 operation3");
    }

    @Override
    public void operation4() {
        System.out.println("B实现了 operation4");
    }

    @Override
    public void operation5() {
        System.out.println("B实现了 operation5");
    }
}

class D implements Interface1 {
    @Override
    public void operation1() {
        System.out.println("D实现了 operation1");
    }

    @Override
    public void operation2() {
        System.out.println("D实现了 operation2");
    }

    @Override
    public void operation3() {
        System.out.println("D实现了 operation3");
    }

    @Override
    public void operation4() {
        System.out.println("D实现了 operation4");
    }

    @Override
    public void operation5() {
        System.out.println("D实现了 operation5");
    }
}
```