

```

/** @student.info
*<BR> Name:           Mr. Eliot
*<BR> Date:           10-18-2013, 10-08-2015, 10-5-2016, 10-7-2021
*<BR> Assignment:    QUIZ 02: Review Session Tester
*/

```

```

public class BetterPencilTester
{
    public static void main(String args[])
    {
        //Create Pencil Objects
        BetterPencil MyPencil01 = new BetterPencil();
        BetterPencil MyPencil02 = new BetterPencil(5.5, 0.20);
        BetterPencil MyPencil03 = new BetterPencil(MyPencil02);

        //ALL PENCILS BEFORE
        System.out.println("ALL PENCILS BEFORE");
        System.out.println("Pencil01 Pencil Length: " + MyPencil01.getPencilLength());
        System.out.println("Pencil01 Eraser Length: " + MyPencil01.getEraserLength());
        System.out.println("Pencil02 Pencil Length: " + MyPencil02.getPencilLength());
        System.out.println("Pencil02 Eraser Length: " + MyPencil02.getEraserLength());
        System.out.println("Pencil03 Pencil Length: " + MyPencil03.getPencilLength());
        System.out.println("Pencil03 Eraser Length: " + MyPencil03.getEraserLength());
        System.out.println();
        System.out.println();

        //Use Pencils Set 01
        MyPencil01.sharpen();
        MyPencil02.write();
        MyPencil03.write();
        MyPencil03.erase();
        MyPencil03.erase();

        //Use Pencils Set 02
        MyPencil01.write();
        MyPencil02.sharpen();
        MyPencil02.erase();
        MyPencil03.sharpen();

        //Use Pencils Set 03
        MyPencil01.sharpen();
        MyPencil01.erase();
        MyPencil02.write();
        MyPencil02.write();
        MyPencil03.write();

        //Use Pencils Set 03
        MyPencil01.erase();
        MyPencil01.erase();
        MyPencil02.erase();
        MyPencil03.erase();

        //ALL PENCILS AFTER
        System.out.println("ALL PENCILS AFTER");
        System.out.println("Pencil01 Pencil Length: " + MyPencil01.getPencilLength());
        System.out.println("Pencil01 Eraser Length: " + MyPencil01.getEraserLength());
        System.out.println("Pencil02 Pencil Length: " + MyPencil02.getPencilLength());
        System.out.println("Pencil02 Eraser Length: " + MyPencil02.getEraserLength());
        System.out.println("Pencil03 Pencil Length: " + MyPencil03.getPencilLength());
        System.out.println("Pencil03 Eraser Length: " + MyPencil03.getEraserLength());

    }
}

```

```
/*
```

```
RUN OUTPUT:
```

```
Process started >>>
```

```
ALL PENCILS BEFORE
```

```
Pencil01 Pencil Length: 7.5
```

```
Pencil01 Eraser Length: 0.25
```

```
Pencil02 Pencil Length: 5.5
```

```
Pencil02 Eraser Length: 0.2
```

```
Pencil03 Pencil Length: 5.5
```

```
Pencil03 Eraser Length: 0.2
```

```
ALL PENCILS AFTER
```

```
Pencil01 Pencil Length: 6.475
```

```
Pencil01 Eraser Length: 0.10000000000000002
```

```
Pencil02 Pencil Length: 4.924999999999999
```

```
Pencil02 Eraser Length: 0.10000000000000002
```

```
Pencil03 Pencil Length: 4.949999999999999
```

```
Pencil03 Eraser Length: 0.05000000000000002
```

```
<<< Process finished. (Exit code 0)
```

```
*/
```