

BasicRectangle.java

```
1 /*
2  * Written by JJ Shepherd
3  */
4 public class BasicRectangle extends BasicShape implements Rectangle
5 {
6     private int length;
7     private int width;
8
9     public BasicRectangle()
10    {
11        super();
12        this.length = this.width = 1;
13    }
14    public BasicRectangle(int aH, int aL, int aW)
15    {
16        super(aH);
17        this.setWidth(aW);
18        this.setLength(aL);
19    }
20    public int getWidth()
21    {
22        return this.width;
23    }
24    public int getLength()
25    {
26        return this.length;
27    }
28    public void setWidth(int aW)
29    {
30        if(aW >= 1)
31            this.width = aW;
32        else
33            this.width = 1;
34    }
35    public void setLength(int aL)
36    {
37        if(aL >= 1)
38            this.length = aL;
39        else
40            this.length = 1;
41    }
42    public void drawShape()
43    {
44        for(int i=0;i<this.length;i++)
45        {
46            skipSpaces(super.getHSpace());
47            for(int j=0;j<this.width;j++)
48                System.out.print("*");
49            System.out.println();
50        }
51    }
52 }
53
```