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## 1. Rectangle (Area & Perimeter)

```
import java.text.DecimalFormat;
```

```
class Rectangle {
```

```
    public static void main(String[] args) {
```

```
        double width = 4.5;
```

```
        double height = 7.9;
```

```
        double area = width * height;
```

```
        double Perimeter = 2 * (width + height);
```

```
        DecimalFormat df = new DecimalFormat("0.000");
```

```
        System.out.println("Area: " + df.format  
            (area));
```

```
        System.out.println("Perimeter: " + df.format  
            (Perimeter));
```

```
    }
```

## 2. Display Pattern (JAVA)

```

class DisplayPattern {
    public static void main (String[] args) {
        System.out.println("  J   A   V   V   A")
        System.out.println("  J   A   A   V   V   A")
        System.out.println("  J   J   AAAAA   V   V   AAAAA")
        System.out.println("  J   J   A       A   V   A   A")
    }
}

```



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### 3. CommandLine (Rectangle area)

```
import java.text.DecimalFormat;
class CommandLine {
    public static void main(String[] args) {
        double width = Double.parseDouble(args[0]);
        double height = Double.parseDouble(args[1]);
        double area = width * height;
        DecimalFormat df = new DecimalFormat("0.000");
        System.out.println("Area:" + df.format
            (area));
    }
}
```