

1. Display Pattern

```
class DisplayPattern {
    public static void main(String[] args) {
        System.out.println(" ");
    }
}
```

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

ID: IT24061

2. CommandLine

```
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));
    }
}
```

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3. Rectangle

```
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));
```

```
    }
```

```
}
```

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