

1. Display Pattern :

import java.util.Scanner;

class DisplayPattern {

public static void main (String[] args) {

System.out.println("A V A");

System.out.println("A A V A A");

System.out.println("A A A V A A A");

System.out.println("A A A V A A A");

}

}

}

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2. Command Line:

```
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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Area of a
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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