



Jyothik.java



Saved

```
1 public class Main
2 {
3     public static void main(String[] args)
4     {
5         int i,j,k;
6         for(i=1;i<=5;i++)
7         {
8             for(j=5;j>i;j--)
9             {
10                System.out.print(" ");
11            }
12            if(i%2!=0)
13            {
14                for(j=1,k=1;j<=2*i-1;j++)
15                {
16                    if(j<i)
17                    {
18                        System.out.print(k);
19                        k++;
20                    }
21                    else
22                    {
23                        System.out.print(k);
24                        k--;
25                    }
26                }
27            }
28            else
29            {
30                for(j=1,k=i;j<=2*i-1;j++)
31                {
32                    if(j<i)
33                    {
34                        System.out.print(k);
35                        k--;
36                    }
37                    else
```

x

Terminal



```
1
212
12321
4321234
123454321
```

Process finished



Jyothik 1.java



Saved

```
1  abstract class Furniture {
2
3      protected String color;
4      protected int width;
5      protected int height;
6      public abstract void accept();
7      public abstract void display();
8  }
9      class chair extends Furniture {
10     private int num0f_legs;
11
12     public void accept() {
13
14         color = "Brown";
15         width = 36;
16         height = 48;
17         num0f_legs = 4;
18     }
19     public void display()    {
20     System.out.println("DISPLAYING VALUE FOR CHAIR
21     System.out.println("=====
22     System.out.println("Color is" + color);
23     System.out.println("Width is" + width);
24     System.out.println("Height is" + height);
25     System.out.println("Number of legs is" + num0f
26     System.out.println(" ");
27     }
28     }
29
30     class Bookshelf extends Furniture {
31
32     private int num0f_shelves;
33
34     public void accept()  {
35
36         color ="Black";
37         width = 72;
```

× Terminal



DISPLAYING VALUES FOR BOOKSHELF

=====

Color isBlack

Width is72

Height is84

Number of shelves is4



Jyothik 2.java



Saved

```
1 import java.util.Scanner;
2
3 public class DemoTranslation {
4     public static void main(String[] args) {
5         int n;
6         float sum;
7         int count;
8
9
10
11         System.out.print("\nEnter total number of terms
12 n = STDIN_SCANNER.nextInt();
13
14
15         sum = 0.0f;
16
17
18         count = 1;
19         for(int i = 1; i <= n; i++) {
20             sum = sum + (float)Math.pow(count, 2) / (float)M
21             count += 2;
22         }
23
24         System.out.printf("\nSum of the series is :: %f\
25     }
26
27     public final static Scanner STDIN_SCANNER = new
28 }
```

×

Terminal



Enter total number of terms :: 56

Sum of the series is :: 2.994438

Process finished.