

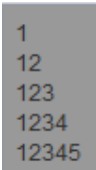
Creating Number Patterns In Java

Udit Distro Friday, 26 April 2013 511 Comments

Creating number or symbol patterns is used to check command of a programmer or a student on **for loop**. In short its done just for practicing for loop.

Here are some common number patterns :

Pattern 1.



To Print this pattern use the following code:

```

1 public class numPtr {
2     public static void main( String arg[]){
3         for(int i=1;i<=5;i++){
4
5             for(int j=1;j<=i;j++){
6                 System.out.print(j);
7             }
8             System.out.println();
9         }
10    }
11 }

```

Pattern 2.

```

54321
5432
543
54
5

```

To Print this pattern use the following code:

```

1 public class numPtr {
2     public static void main( String arg[]){
3         for(int i=1;i<=5;i++){
4             for(int j=5;j>=i;j--){
5                 System.out.print(j);
6             }
7             System.out.println();
8         }
9     }
10 }

```

Pattern 3.

```

12345
1234
123
12
1

```

To Print this pattern use the following code:

```

1 public class numPtr {
2     public static void main( String arg[]){
3         for(int i=1,r=5;i<=5;i++,r--){
4             for(int j=1;j<=r;j++){
5                 System.out.print(j);
6             }
7             System.out.println();
8         }
9     }

```

Pattern 4.

```
1
12
123
1234
12345
1234
123
12
1
```

To Print this pattern use the following code:

```
1 public class numPtr {
2     public static void main( String arg[]){
3         int ck=0,c=2;
4         while(c>0){
5             if(ck==0){
6                 for(int i=1;i<=5;i++){
7                     for(int j=1;j<=i;j++){
8                         System.out.print(j);
9                     }
10                    System.out.println();
11                    ck++;
12                } else{
13                    for(int i=1,r=5-1;i<=5-1;i++,r--){
14                        for(int j=1;j<=r;j++){
15                            System.out.print(j);
16                        }
17                        System.out.println();
18                    }
19                    c--;
20                }
21            }
22        }
23    }
```

Pattern 5.

```
12345
1234
123
12
1
12
123
1234
12345
```

To Print this pattern use the following code:

```
1 public class numPtr {
2     public static void main( String arg[]){
3         int ck=0,c=2;
4         while(c>0){
5             if(ck==0){
6                 for(int i=1,r=5;i<=5;i++,r--){
7                     for(int j=1;j<=r;j++){
8                         System.out.print(j);
9                     }
10                    System.out.println();
11                    ck++;
12                } else{
13                    for(int i=2;i<=5;i++){
```

```
14         for(int j=1;j<=i;j++){
15             System.out.print(j);
16             System.out.println();
17         }
18     }
19     c--;
20 }
21
22 }
23 }
```

Author Note: All the above examples gives output till 5, you can change it accordingly by changing the conditions.

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koushik kundu

30 July 2013 at 14:52

what will be the code for madam
D
A D A
M A D A M
M A D A D A M
M A D A M A D A M
M A D A D A M
M A D A M
A D A
D

Reply



Code Nirvana

30 July 2013 at 16:50 ✕

Hello Koushik Kundu, Thanks for visiting!
Here's the code for the program you mentioned :

```
public class madamCODE {
    public static void main( String arg[]){
        /****Ptinting The Upper Part****/
        for(int i=1;i < 10;i+=2){
            System.out.println( print(i) );
        }
        /****Ptinting The Lower Part****/
        for(int i=7;i > 0;i-=2){
            System.out.println( print(i) );
        }
    }

    public static String print(int n){
        String term = "" , s[] = {"M","A","D"};
        if(n==1){
            term = "3,";
        } else if(n==3){
            term = "2,3,2,";
        } else if(n==5){
            term = "1,2,3,2,1,";
        } else if(n==7){
            term = "1,2,3,2,3,2,1,";
        } else{
            term = "1,2,3,2,3,2,3,2,1,";
        }
        String nums[] = term.split(",") , output="";
        for(int j=0;j < nums.length;j++){
            int at = Integer.parseInt(nums[j].toString())-1;
            output = output + s[at]+" ";
        }
        return output;
    }
}
```

Hope it will be helpful for you. If you don't understand anything, reply us and we'll get back to you as soon as possible!

Reply



prasenjit zankar

13 June 2014 at 13:55 ✕

What will be the code for this pattern:

```
1 1
12 21
123 321
1234 4321
1234554321
```

Reply



Unknown

1 August 2013 at 14:25 ✕

what will be the code for

```
12345
2345
345
45
5
```

Reply



Code Nirvana

1 August 2013 at 16:42 ✕

If you want to align all the numbers towards right!

Source Code :

```
public class comment {
    public static void main( String arg[]){
        for(int i=1 ; i<=5 ; i++){
            for(int k=5-i ; k<4 ; k++){
                System.out.print(" ");
            }
            for(int j=i ; j<=5 ; j++){
                System.out.print(j);
            }
            System.out.println();
        }
    }
}
```

We hope you got your answer!

Keep visiting us, if you have any query or problem just leave your reply and we'll get back to you.

Reply



NitinKumar

2 August 2013 at 00:28 ✕

Can u pls help me in printing following pattern
if input=4

```
4 4 4 4
3 3 3
2 2
1
2 2
3 3 3
4 4 4 4
```

Reply



Code Nirvana

2 August 2013 at 17:40 ✕

Hello Nitin Kumar!

Here's the solution:

```
public class comment {
    public static void main( String arg[]){
        int input = 4; //change it accordingly

        for(int i=1 ; i<=input ; i++){
            for(int j=1 ; j<=input-i+1 ; j++){
                System.out.print(input-i+1+" ");
            }
            System.out.println();
        }
        for(int k=input-1; k>0 ; k--){
            for(int l=2 ; l<=input-k+2 ; l++){
                System.out.print(input-k+1+" ");
            }
            System.out.println();
        }
    }
}
```

Reply



Rahul Vs



15 June 2014 at 12:25 ✕

```
public class Pattern{
public static void main(String args[]){
int a=4;
for(int i=4;i>=1;i--){
for(int j=1;j<=i;j++){
System.out.print(a);
}
a--;
System.out.println();
}
int b=2;
for(int k=2;k<=4;k++){
for(int l=1;l<=k;l++){
System.out.print(b);
}
b++;
System.out.println();
}
}
}
```

Reply



Anand prakas yadav

8 July 2014 at 21:58 ✕

Hello Nitin

Here's the solution:

```
public class numberp {
public static void main( String arg[]){
//change t values as your accordingly
for(int i=1,t=4;i<=4;i++,t--){
for(int j=1;j<=5-i;j++){
System.out.print(t);
}
System.out.println(); }

for(int i=1,r=2;i<=3;i++,r++){
for(int j=1;j<=i+1;j++){
System.out.print(r); }
System.out.println();
}
}
```



```
}  
}
```

Reply



NitinKumar

2 August 2013 at 00:48 ✕

in above output there must be space between each number
ND in 2nd row 2 spaces before starting,
in 3 rd row 3 spaces like upto 1.

Reply



Code Nirvana

2 August 2013 at 17:49 ✕

Hello Nitin Kumar!

please be specific for the out!

do you want to print it like :

4 4 4 4

3 3 3

2 2

1

2 2

3 3 3

4 4 4 4

?? if yes , reply us back or print the correct output and we will get back to your reply.

Reply



Harish Raghav

4 August 2013 at 09:59 ✕

What will be the code to print the following pattern...

1

2 3

4 5 6

7 8 9 10

Reply



Code Nirvana

4 August 2013 at 14:22 ✕

Hello Harish Raghav!

Here's what you need:

```
public class comment {
public static void main( String arg[]){
int rows = 4; //change rows accordingly
int cout = 1;
for(int i=1;i<=rows;i++){
for(int j=0;j<i;j++){
System.out.print(cout+" ");
cout++;
}
System.out.println();
}
}
}
```

Reply



sharath

7 November 2013 at 18:50 ✕

what will be the output of below pattern
enter a number example 6
the pattern is 1 1 1 1 1 2
3 2 2 2 2 2
3 3 3 3 3 4
and so on

Reply



Code Nirvana

8 November 2013 at 16:41 ✕

Here's the code:

```
public class series {
public static void main (String args[]){
int in = 6; //change input
for(int i=1;i<=in;i++){
for(int j=1;j<in;j++){
System.out.print(i);
if(j==in-1){
System.out.println(i+1);
}
}
}
}
}
```

If you need any further assistance fell free to contact us!

Reply



Richa Saxena

25 November 2013 at 23:05 ✕

hello...

this program is working for in=6 only...but y nt for 3,4,5 nd so on

Reply



Code Nirvana

26 November 2013 at 14:09 ✕

Hello Richa Saxena!

I checked this program again and its working for all the numbers.

I think you want any other output, Reply your desired output and it will be correct accordingly.

Reply



Dheeraj S

22 November 2013 at 17:30 ✕

Code for

```
1
12
12
123
1234
1234
1234
12345
123456
123456
123456
123456
1234567
12345678
12345678
12345678
```

Reply



Code Nirvana

22 November 2013 at 18:59 ✕

Hello Dheeraj S!

Here's your program:

```
public class numberpattern {  
    public static void main(String args[]){  
        int i=1; //Change this value  
        for(;i<9;i++){  
            int test=1;  
            for(int j=1;j<=i;j++){  
                if(i%2==0){  
                    System.out.print(j);  
                    if(j==i && test<=i/2){  
                        j=0;  
                        test++;  
                        System.out.println();  
                        continue;  
                    }  
                } else{  
                    System.out.print(j);  
                }  
            }  
            System.out.println();  
        }  
    }  
}
```

For further assistance feel free to contact us!

Reply



Mithu Majumder

25 November 2013 at 21:34 ✕

Help me with this

```
*1  
*23  
*456  
*78910  
*111213
```

Reply



Code Nirvana

25 November 2013 at 21:39 ✕

Here's the Code:

```
public class numberpattern {  
    public static void main(String args[]){  
        int j=1;
```

```
for(int i=1;i<=5;i++){
System.out.print("**");
for(int k=0;k<i && j<=13;k++){
System.out.print(j);
j++;
}
System.out.println();
}
}
}
```

Reply



Vivek Dogra

27 November 2013 at 00:40 ✕

1
3*2
4*5*6
10*9*8*7
11*12*13*14*15

plz get me the code for this

Reply



Code Nirvana

27 November 2013 at 19:23 ✕

Hello Vivek!

Here's the CODE:

```
public class series {
public static void main (String args[]){
int ln = 5; //change number of lines
int out = 1;
for(int i=1;i<=ln;i++){
String outline = "";
if(i%2==0){
int out1 = out + i - 1;
for(int j=0;j<i;j++){
outline = outline + out1;
out1--;
if(j!=i-1){
outline = outline + "**";
} else{
out = out+j+1;
}
}
```

```

}
} else{
for(int j=0;j<i;j++){
outline = outline + out;
out++;
if(j!=i-1){
outline = outline + " ";
}
}
}
System.out.println(outline);
}

}
}

```

Reply



abc

28 July 2014 at 16:53 ✕

```

import java.io.*;
class f
{
public static void main(String args[]) throws IOException
{
BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
System.out.println("Enter the number of words u want to enter:");
int n=Integer.parseInt(br.readLine());
int k=0;
for(int i=1;i<=n;i++)
{
if((i%2)==0)
{
k=k+i-1;
for(int j=1;j<=i;j++)
{
if(j==1){
System.out.print(k--);
}else{
System.out.print(" "+k--);
}

}
System.out.println();
}
}
}

```

```

else
{ k=k+i;
for(int j=1;j<=i;j++)
{
if(j==1){
System.out.print(k++);
}else{
System.out.print("*"+k++);
}
}
System.out.println();
}
}
}
}

```

Reply



sanjay pachauri

29 December 2013 at 15:58 ✕

plz tell me how to print the pattern as follows

```

1 2 3
4 5 6
7 8 9

```

Reply



Code Nirvana

29 December 2013 at 17:15 ✕

Hello Sanjay! Thanks for commenting, here is the code you want:

```

public class pattern{
public static void main(String []args){
for(int i=1;i<=9;i++){
for(int j=0;j<3;j++){
System.out.print(""+i);
i++;
}
i--;
System.out.println();
}
}
}

```

Reply



Rahul Vs

15 June 2014 at 13:43 ✕

```
public class Pattern{
public static void main(String args[]){
int a=1;
for(int i=1;i<=3;i++){
for(int j=1;j<=3;j++){
System.out.print(a);
a++;
}
System.out.println();
}
}
}
```

Reply



Mrinal kumar

3 January 2014 at 21:17 ✕

How to do this pattern.....? please reply fast

1234554321

1234 4321

123 321

12 21

1 1

Reply



Code Nirvana

3 January 2014 at 21:30 ✕

Hello Mrinal kumar! as per your request we are replying to your question as fast as possible :) (in 15 min.)

Code for your problem:

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

for(int i=1,r=5;i<=5;i++,r--){
for(int j=1;j<=r;j++){
System.out.print(j);
}
if(r!=5){System.out.print(" ");}
for(int k=r;k>=1;k--){
System.out.print(k);
}
System.out.println(); }
}
```



```
}  
}
```

feel free to reply if you have any other problem!

Reply



venkateshbc

27 March 2014 at 21:05 ✕

Sir explain the concept of selection sort in java with an example

Reply



Code Nirvana

27 March 2014 at 21:40 ✕

In selection sorting we have to find the minimum value in the array then swap its first position. In next step leave the first value and find the minimum value within remaining values. Then swap it with the value of minimum index position. Sort the remaining values by using same steps

Its just a little algorithm to do sorting! Very soon we will post complete articles on sorting and other important operations with arrays....

To get the regular updates subscribe to our free News Letter: [Click Here](#)

Reply



Kamal gopi

4 January 2014 at 19:54 ✕

sir can you please give the code for the following pattern

5432112345

4321 1234

321 123

21 12

1 1

Reply



Code Nirvana

4 January 2014 at 20:18 ✕

Hello Kamal, thanks for visiting Code Nirvana.

Solution to your problem:

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

```
for(int i=1;i<=5;i++){
for(int j=6-i;j>=1;j--){
System.out.print(j);
}
if(i>1){System.out.print(" ");}
for(int k=1;k<=6-i;k++){
System.out.print(k);
}
System.out.println();
}
}
}
```

Reply



Kamal gopi

4 January 2014 at 21:24 ✕

Thank you sir for fast reply its very much helpful. can you please give the coding for

```
5 4 3 2 1
5 4 3 2
5 4 3
5 4
5
5 4
5 4 3
5 4 3 2
5 4 3 2 1
```

Reply



Kamal gopi

4 January 2014 at 21:26 ✕

Thank you sir for fast reply its very much helpful. can you please give the coding for

```
5 4 3 2 1
-- 5 4 3 2
-----5 4 3
-----5 4
-----5
-----5 4
-----5 4 3
---5 4 3 2
5 4 3 2 1
```

Reply



Code Nirvana

4 January 2014 at 21:32 ✕

Welcome back Kamal, and glad to see you liked our responsibility regarding replying to our visitors.

Solution for:

```
5 4 3 2 1
5 4 3 2
5 4 3
5 4
5
5 4
5 4 3
5 4 3 2
5 4 3 2 1
```

Source Code:

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

        for(int i=1;i<=5;i++){
            for(int j=5;j>=i;j--){
                System.out.print(j);
            }
            System.out.println();
        }
        for(int i=1;i<5;i++){
            for(int j=5;j>4-i;j--){
                System.out.print(j);
            }
            System.out.println();
        }
    }
}
```

Reply



Code Nirvana

5 January 2014 at 20:59 ✕

[UPDATED] Solution for:

```
54321
-5432
--543
---54
----5
---54
```

```
--543
-5432
54321
```

Source Code:

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

for(int i=1;i<=5;i++){
//spacing logic
for(int s=1; s < i; s++){
System.out.print("-");
}
//main logic: loop1
for(int j=5 ; j >= i; j--){
System.out.print(j);
}
System.out.println();
}
for(int i=1;i<5;i++){
//spacing logic
for(int s=4;s>i;s--){
System.out.print("-");
}
//main logic: loop2
for(int j=5;j>4-i;j--){
System.out.print(j);
}
System.out.println();
}
}
}
```

P.S- Bug Noticed by ' Rasswanth Rick ' Thank you friend!

Reply



Rasswanth Rick

5 January 2014 at 19:49 ✕

sir can you give the coding for

```
1
2 1
3 2 1
4 3 2 1
5 4 3 2 1
```

Reply



Code Nirvana

5 January 2014 at 21:05 ✕

@Rasswanth code for your pattern is:

```
public class series {  
    public static void main (String args[]){  
        for(int i=1;i<=5;i++){  
            for(int j=i;j>=1;j--){  
                System.out.print(j);  
            }  
            System.out.println();  
        }  
    }  
}
```

Reply



Rasswanth Rick

5 January 2014 at 19:54 ✕

```
5 4 3 2 1  
-- 5 4 3 2  
-----5 4 3  
-----5 4  
-----5  
-----5 4  
-----5 4 3  
---5 4 3 2  
5 4 3 2 1
```

sir when i tried this program it did not compile it had a error

Reply



Code Nirvana

5 January 2014 at 21:02 ✕

Hello Rasswanth!

thank you for pointing out a bug in our code. Above comment is updated and you can check it now.

Reply



Rasswanth Rick

6 January 2014 at 09:49 ✕

thank you for helping with the bug sir, but sir the result i am expecting should not come with a method call.

sir i am very much happy with your result for my program please would be kind to give this coding also

```

----- 1
-----2 1 2
--- 3 2 1 2 3
--4 3 2 1 2 3 4
5 4 3 2 1 2 3 4 5
-- 4 3 2 1 2 3 4
- --- 3 2 1 2 3
- - ---- 2 1 2
- - - ---- 1
    
```

Reply



Code Nirvana

6 January 2014 at 15:29 ✕

Thank you for commenting again! we love to solve problems of our visitors and we will defiantly solve this problem too... try the code given below!

```

public class series {
    public static void main ( String arg[] ){
        int num = 5;
        //upper triangle
        for(int i=1;i<=num;i++){
            for(int j=1;j < num-(i-1);j++){
                System.out.print("-");
            }
            for(int k=i;k>=1;k--){
                System.out.print(k);
            }
            for(int k1=2;k1<=i;k1++){
                System.out.print(k1);
            }
            System.out.println();
        }
        //lower triangle
        for(int i=1;i<=num-1;i++){
            for(int j=i;j>=1;j--){
                System.out.print("-");
            }
            for(int k=num-i;k>=1;k--){
                System.out.print(k);
            }
        }
    }
}
    
```

```
        for(int k1=2;k1<=num-i;k1++){
            System.out.print(k1);
        }
        System.out.println();
    }
}
```

Note: You might also like: [Triangle Patterns Programs](#)

Reply



Digvijay Rawat

18 June 2014 at 21:41 ✕

can u plz code the above pattern by using while loop...asap..

Reply



RIYAZ123

6 January 2014 at 10:33 ✕

can any one tell me the code for S shape

```
*****
*
*****
*
*****
```

Reply



Code Nirvana

6 January 2014 at 14:52 ✕

Hello RIYAZ, asking for a interesting pattern! so, code to print ' S ' pattern is:

```
public class series {
    public static void main (String args[]){
        int len = 5; //change this length accordingly
        for(int i=1;i<=3;i++){
            for(int j=1;j<=len;j++){
                System.out.print("*");
            }
            System.out.println();
            if(i==3){
                break;
            } else if(i%2==0){
```

```
for(int s=1;s<len;s++){
    System.out.print(" ");
    if(s==len-1){System.out.println("*");}
}
} else{
    System.out.println('*');
}
}
}
}
```

Reply



nishita kumar

8 January 2014 at 09:34 ✕

Pls let me know the code for the following pattern..

```
11111
10001
10001
10001
10001
11111
```

Reply



Code Nirvana

9 January 2014 at 09:21 ✕

Hello Nishita!

Check this Code:

```
public class series {
    public static void main ( String arg[] ){
        int num = 5; //change accordingly
        for(int i=1;i<=num;i++){
            if(i==1 || i==num){
                for(int j=1;j<=num;j++){
                    System.out.print("1");
                }
            } else{
                for(int j=1;j<=num;j++){
                    if(j==1 || j==num){
                        System.out.print("1");
                    } else{
                        System.out.print("0");
                    }
                }
            }
        }
    }
}
```



```
        System.out.println();
    }
}
}
```

Reply



Shubhangi Mali

17 January 2014 at 14:51 ✕

Pls let me know the code for the following pattern.

```
1
2*2
3*3*3
4*4*4*4
4*4*4*4
3*3*3
2*2
1
```

Reply



Code Nirvana

17 January 2014 at 17:30 ✕

Hi Shubhangi, Code for the pattern you asked:

```
public class series {
    public static void main ( String arg[] ){
        int num = 4; //change this value
        //Upper triangle
        for(int i=1;i<=num;i++){
            for(int j=1;j<=i;j++){
                if(j!=1){
                    System.out.print("**"+i);
                } else{
                    System.out.print(i);
                }
            }
            System.out.println();
        }
        //Lower triangle
        for(int i=num;i>=1;i--){
            for(int j=1;j<=i;j++){
                if(j!=1){
                    System.out.print("**"+i);
                } else{
                    System.out.print(i);
                }
            }
        }
    }
}
```

```

        }
    }
    System.out.println();
}
}
}

```

Reply



Yogesh Patti

26 July 2014 at 13:30 ✕

Code for this pattern is:

```

1
2*2
3*3*3
4*4*4*4
4*4*4*4
3*3*3
2*2
1

```

Code:

```

public class P1
{
    public static void main(String ar[])
    {
        int i,j,k=1;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                System.out.print(i);

                if( i>1 && k=1;i--)
                {
                    for(j=1;j<=i;j++)
                    {
                        System.out.print(i);
                        if( i>1 && k<i)
                        {
                            System.out.print("**");
                            k++;
                        }
                    }
                }
                k=1;
            }
        }
    }
}

```

```
System.out.println();  
}  
}  
}
```

Reply



Samia Khusro

18 January 2014 at 20:03 ✕

can u plz help me with:

55555

54444

54333

54322

54321

Reply



Code Nirvana

20 January 2014 at 12:01 ✕

Hi Samia, thanks for asking such a great pattern.

Source Code:

```
public class series {  
    public static void main (String args[]){  
        int in = 5; //change input  
        for(int i=1;i<=in;i++){  
            for(int a=in;a > in+1-i && i!=1;a--){  
                System.out.print(a);  
            }  
            for(int j=in;j>=i;j--){  
                System.out.print(in+1-i);  
            }  
            System.out.println();  
        }  
    }  
}
```

Reply



shivani

26 January 2014 at 16:17 ✕

hi admin

can u give me the code for the following pattern

**

*

Reply



Code Nirvana

26 January 2014 at 18:25 ✕

Hello Shivani

Source Code:

```
public class series {  
    public static void main (String args[]){  
        int in = 3; //change input  
        for(int i=1;i < in;i++){  
            for(int j=1;j<=in;j++){  
                System.out.print("");  
            }  
            System.out.println();  
            for(int k=1;k<=in-i;k++){  
                System.out.print("");  
            }  
            System.out.println();  
        }  
    }  
}
```

Reply



shivani

26 January 2014 at 19:34 ✕

thank you soo much

can u get me the code for the following patterns please

1

2 3

4 5 6

7 8 9 10

and the other pattern is

7 8 9 10

4 5 6

2 3

1

Reply



Code Nirvana

26 January 2014 at 20:26 ✕

Pattern:

```
1
2 3
4 5 6
7 8 9 10
```

Code:

```
public class series {
    public static void main (String args[]){
        int ln = 4; //Number Of Lines
        for(int i=1,print=1;i <=ln;i++){
            for(int j=1;j<=i;j++){
                System.out.print(print);
                print++;
            }
            System.out.println();
        }
    }
}
```

Reply



Code Nirvana

26 January 2014 at 21:49 ✕

Pattern:

```
7 8 9 10
4 5 6
2 3
1
```

This pattern is a great pattern, nice logic! Check the solution given below and let us know if you want any other help!

Code:

```
public class series {
    public static void main (String args[]){
        int ln = 4; //Number Of Lines
        //Calculate maximum number of series
        int num=0;
        //for EVEN value of var. ln
        if(ln%2==0){
            num = ln*(ln/2)+(ln/2);
        }
        //for ODD value of var. ln
        else{
            num = ln*(ln/2)+ln;
        }
    }
}
```

```

    }
    for(int i=1,temp=num-ln+1; i<=ln; i++,temp=temp-ln+i-1){
        int print = temp;
        for(int j=ln; j>=i; j--){
            System.out.print(print+" ");
            print++;
        }
        System.out.println();
    }
}
}

```

Reply



Tushar Singh

28 January 2014 at 20:45 ✕

```

1
11
112
1123
11235
112358

```

....plz solve this pattern

Reply



Code Nirvana

29 January 2014 at 20:34 ✕

Hello Tushar!

liked your pattern logic. Sorry for the late reply, I tried to solve your problem asap.. so the logic used might look strange to you :) but its working perfectly!

Source Code:

```

public class series {
    public static void main (String args[]){
        int ln = 6; //Number Of Lines
        int pre1 = 1 , pre2 =0;
        String temp = "";
        System.out.println(1);
        for(int r=1;r < ln;r++){
            System.out.print(1);
            for(int c=1;c<=r;c++){
                int print = 0;
                if(temp.length() >= c ){

```

```

        System.out.print(temp.subSequence(c-1, c));
    } else{
        print = pre1+pre2;
        System.out.print(print);
        pre1 = pre1+pre2 +pre1- (pre2 = pre1);
        temp = temp + print;
    }
}
System.out.println();
}
}
}
}

```

If you have any other problem related to this program or any other program than let us know!

Reply



Earnest

1 February 2014 at 21:39 ✕

What will be the code for the following

```

1 3 5 7 9
3 5 7 9 1
5 7 8 1 3
7 9 1 3 5
9 1 3 5 7

```

Reply



Code Nirvana

1 February 2014 at 22:15 ✕

Hello Earnest!

I tried the string substitution logic using substring. Check it out!

Code:

```

public class series {
    public static void main (String args[]){
        int ln = 5; //Number Of Lines
        String nums = "";
        for(int i=1, o=1;i<=ln;i++,o+=2){
            nums = nums + o;
        }
        for(int j=1;j<=ln;j++){
            System.out.println(nums);
            nums = nums.substring(1,ln) + nums.substring(0,1);
        }
    }
}

```

```
}
```

Reply



Bodybuilding

4 February 2014 at 17:23 ✕

Hi,
can you please write code for this pattern.

```
-----1
-----1 1
-----1 3 3 1
-----1 4 6 4 1
-----1 5 10 10 5 1
```

Reply



Code Nirvana

4 February 2014 at 19:27 ✕

@Bodybuilding
The pattern you asking for is known as Pascals Triangle.
for the source code please visit here- [Pascals Triangle In Java](#)

Reply



venkateshbc

5 February 2014 at 18:00 ✕

```
1
12
123
1234
12345
```

Reply



Code Nirvana

5 February 2014 at 20:49 ✕

@venkateshbc
The pattern you are asking for is the very first pattern of this post!
So, kindly see the first example code of this post.

Reply



Arit Saha

22 June 2014 at 01:29 ✕


```
class ABC
{
public static void main(Strings args[])
{
int i=0,j=0,n=0;
System.out.print("Enter number of row= ");
Scanner in=new Scanner(System.in);
n=in.nextInt();
for(i=1;i<=n;i++)
{
for(j=1;j<=i;j++)
{
System.out.print(,j);
}
System.out.println( );
}
}
}
```

Reply



Arit Saha

22 June 2014 at 01:32 ✕

```
public class series {
public static void main (String args[]){
int in = 5; //change input
for(int i=1;i<=in;i++){
for(int a=in;a > in+1-i && i!=1;a--){
System.out.print(a);
}
for(int j=in;j>=i;j--){
System.out.print(in+1-i);
}
System.out.println( );
}
}
}
```

Reply



Shashank Kumar

9 February 2014 at 19:30 ✕

hi

can u plz write ur code for this pattern

1
22
333
4444
55555
4444
333
22
1

Reply



Code Nirvana

9 February 2014 at 20:45 ✕

Hello Shashank!

Code:

```
public class series{
    public static void main(String args[]) {
        int n = 5;        // max number
        for(int i=1; i< n*2;i++){
            if(i <= n){
                for(int j=1;j<=i;j++){
                    System.out.print(i);
                }
                if(i==5){ System.out.println(); continue;}
            } else{
                for(int j=n-1;j>=i-n;j--){
                    System.out.print(n*2-i);
                }
            }
            System.out.println();
        }
    }
}
```

Reply



Preeti Chandrakar

10 February 2014 at 21:35 ✕

sir will you will please give the codin gfor this pattern as soon as possible

a
abc
abcde
abcdefg
abcdefghi
abcdefghijk

Reply



Code Nirvana

10 February 2014 at 21:43 ✕

Hello Preeti... I hope its asap :)

Source Code:

```
public class series{
    public static void main(String args[]) {
        String txt = "abcdefghijk";
        for(int i=1; i<=txt.length(); i+=2){
            for(int j=1,s=0; j<=i; j++){
                System.out.print(txt.substring(s, s+1));
                s++;
            }
            System.out.println();
        }
    }
}
```

Reply



Preeti Chandrakar

10 February 2014 at 22:31 ✕

thank u sir for giving this code i really need this code thanks again

Reply



shalini dubey

11 February 2014 at 17:42 ✕

```
1
1 2 1
1 2 3 2 1
1 2 3 4 3 2 1
```

may i know the code of this pattern

plzzzzzzzz

Reply



Code Nirvana

11 February 2014 at 18:02 ✕

Hi Shalini Dubey, code to print the pattern as you mentioned is...

Code:

```
public class series{
    public static void main(String args[]) {
        int num = 4;    //Max. No. In Series
        for(int i=1; i<=num; i++){
            for(int j=1;j<=i;j++){
                System.out.print(j+" ");
            }
            for(int k=i-1;k>=1;k--){
                System.out.print(k+" ");
            }
            System.out.println();
        }
    }
}
```

Reply



shalini dubey

11 February 2014 at 18:09 ✕

plzzzz tell me code of this pattern

```
.....1
.....1 2 1
.....1 2 3 2 1
.....1 2 3 4 3 2 1
.....1 2 3 4 5 4 3 2 1
```

Reply



Code Nirvana

11 February 2014 at 18:17 ✕

Ok! so you want to align all these to center...

Code:

```
public class series{
    public static void main(String args[]) {
        int num = 4;    //Max. No. In Series
        for(int i=1; i<=num; i++){
            //Spacing Logic
            for(int s=i;s<=num;s++){
                System.out.print(" ");
            }
            for(int j=1;j<=i;j++){
                System.out.print(j+" ");
            }
            for(int k=i-1;k>=1;k--){
                System.out.print(k+" ");
            }
        }
    }
}
```

```
        System.out.println();
    }
}
}
```

Reply



shalini dubey

11 February 2014 at 18:53 ✕

thank you sir

Reply



shalini dubey

11 February 2014 at 20:05 ✕

plzzzz tell me method pf this pattern plzzzzzzz

```
.....1
.....2 3 2
.....3 4 5 4 3
.....4 5 6 7 6 5 4
```

Reply



Code Nirvana

11 February 2014 at 20:33 ✕

Welcome back with your new question! :)

Code:

```
public class series{
    public static void main(String args[]) {
        int ln = 4; //Number of lines/rows
        for(int i=1; i<=ln; i++){
            //Spacing Logic
            for(int s=i;s<=ln;s++){
                System.out.print(" ");
            }
            for(int j=1,p=i;j<=i;j++,p++){
                System.out.print(p+" ");
                if(j==i){
                    p--;
                    for(int k=1;k<i;k++,--p){
                        System.out.print(p+" ");
                    }
                }
            }
        }
    }
}
```

```
        System.out.println();
    }
}
}
```

Keep visiting and let us know if you have any other problem/question related to programming...

Reply



Preeti Chandrakar

12 February 2014 at 09:48 ✕

```
*
***
*****
*****
*****
*****
```

sir i want the coding of this pattern

Reply



Code Nirvana

12 February 2014 at 19:17 ✕

You might want triangle pattern code..
check our post:[Program to Print Triangle Pattern in java](#)

Reply



Preeti Chandrakar

12 February 2014 at 10:11 ✕

```
s
se
sec
sect
secto
sector
plz send coding for all this
```

Reply



Code Nirvana

12 February 2014 at 19:59 ✕

Hello Preeti, thank you for contacting us again...
code for this pattern is much easier than the one you asked earlier!
Code:

```
public class series{
    public static void main(String args[]) {
        String txt = "sector"; //Text/Paragraph to print
        for(int i=1; i<=txt.length(); i++){
            System.out.println(txt.substring(0, i));
        }
    }
}
```

Reply



Amit Sachdeva

18 February 2014 at 13:36 ✕

*
**

Sir i want the coding of this pattern

Reply



Code Nirvana

18 February 2014 at 19:53 ✕

Hello Amit Sachdeva!

I suggest you to please visit our previous post: [Program to Print Triangle Pattern in java](#)

Because the pattern you are looking for is already explained there.

Still if you have any other problem, feel free to contact us!

Reply



Visheshta Singh

18 February 2014 at 16:43 ✕

what is code for following patren...??

input:amit is a good boy

a i a g b

m s * o o

i * * o y

t * * d *

Reply



Code Nirvana

18 February 2014 at 20:37 ✕

Hi Visheshta Singh!

Its not a basic number or string pattern, its a advance problem to test logic...

Thanks for asking this awesome question, really interesting question to check problem solving ability :)

Source Code:

```
public class series{
    public static void main(String args[]) {
        String txt = "amit is a good boy "; //Text/Paragraph to print
        String arr[] = txt.split(" ");    //Make array of given txt
        //find string with max length
        int ln = 0;
        for(int i=0;i < arr.length;i++){
            String temp = arr[i];
            if(temp.length()>ln) ln = temp.length();
        }
        //arrange the words
        txt = ""; //clear previous text for reuse
        for(int j=0;j < arr.length;j++){
            String temp = arr[j];
            if(temp.length()<ln){
                for(int x=0;temp.length()<ln;x++){
                    temp = temp + " ";
                }
            }
            txt = txt + temp;
        }
        //finally print the output
        for(int p=0;p < ln;p++){
            for(int q=0,point = p;q < arr.length;q++,point+=ln){
                System.out.print(txt.substring(point, point+1));
            }
            System.out.println();
        }
    }
}
```

Reply



Writer\$Helper

19 February 2014 at 13:00 ✕

how to print this

```
1
3 1
5 3 1
7 5 3 1
9 7 5 3 1
```

Please help me out...:D

Reply



Code Nirvana

19 February 2014 at 15:05 ✕

@Writer\$Helper

Welcome to Code Nirvana, we will surely help you out :)

Code:

```
public class series{
    public static void main(String args[]) {
        int ln = 5; //Number of lines
        for(int i=1,odd=1;i<=ln;i++,odd+=2){
            for(int j=0;j < i;j++){
                System.out.print(odd-j*2+" ");
            }
            System.out.println();
        }
    }
}
```

Reply



Writer\$Helper

19 February 2014 at 19:32 ✕

please make changes to this program acc. to this

```
1
10
101
1010
10101
```

prog.:-

```
class iter16
{
    public static void main(String Args[])
    {
        int l=1;
        for(int i=0;i<5;i++)
        {
            for(int j=i+1;j>0;j--)
            {
                System.out.print(l);
            }
            l-=1;
            System.out.print(l);
            l+=1;
        }
    }
}
```

```
}
System.out.println();
}
}
}
```

o/p:-
10
1010
101010
10101010
1010101010

Reply



Code Nirvana

19 February 2014 at 20:19 ✕

Hello again!

Hope your previous question was solved perfectly :)

For this pattern program I changed all your code to make it short, easier and understandable... added comments too for better understanding, run this code and let us know is it working for you!

Code:

```
class iter16 {
    public static void main(String Args[]) {
        for(int i=0;i < 5;i++) {    //for printing 5(default) lines
            int l = 1;           //Always starting with 1
            for(int j=0;j<=i;j++) { //for printing columns acc. to line
                System.out.print(l); //print var l
                l = (l==1) ? 0 : 1; //Change var. l to 1 or 0 using ? : opt.
            }
            System.out.println(); //New line
        }
    }
}
```

Reply



Rishab Tibrewal

23 February 2014 at 11:19 ✕

please help with the code for

55555
54444
53333
52222
51111

Reply



Code Nirvana

23 February 2014 at 14:42 ✕

Hello Rishab Tibrewal, for your patter here is you code...

Code:

```
class series {  
    public static void main(String Args[]) {  
        int max = 5; //max no. of series  
        for(int i=max;i>=1;i--){  
            System.out.print(max);  
            for(int j=1;j < max;j++){  
                System.out.print(i);  
            }  
            System.out.println();  
        }  
    }  
}
```

Reply



Shubham Malik

23 February 2014 at 13:25 ✕

hi codenirvana! please help me with this java program, its in nested loop with 2 loops:

```
1  
121  
12321  
1234321  
123454321  
1234321  
12321  
121  
1
```

thank you in advance!

Reply



Code Nirvana

23 February 2014 at 14:32 ✕

Hi Shubham!

Code for this pattern is given below! and It looks like you deleted your other question for a pattern.... If you have any other question feel free to reply!

CODE:

```
class series {
```

```
public static void main(String Args[]) {  
    int max = 5;    //max no. in series  
    //Upper Triangle  
    for(int i=1;i<=max;i++){  
        for(int j=1;j<=i;j++){  
            System.out.print(j);  
        }  
        for(int k=i-1;k>=1;k--){  
            System.out.print(k);  
        }  
        System.out.println();  
    }  
    //Lower Triangle  
    for(int i=1;i<=max-1;i++){  
        for(int j=1;j<=max-i;j++){  
            System.out.print(j);  
        }  
        for(int k=max-i-1;k>=1;k--){  
            System.out.print(k);  
        }  
        System.out.println();  
    }  
}
```

Reply



rahul

7 June 2014 at 01:28 ✕

grt sir....

Reply



Swapnil Parekh

23 February 2014 at 19:57 ✕

How to print

4444

4333

4322

4321

Your Help is Ever appreciated.

Reply



Code Nirvana

23 February 2014 at 20:15 ✕

Hello Swapnil Parekh!

This same pattern we answered earlier too in this comments section (at C-No. < 22 />)

Still here's the same code you wanted...

Source Code:

```
public class series {
    public static void main (String args[]){
        int in = 4; //change input
        for(int i=1;i<=in;i++){
            for(int a=in;a > in+1-i && i!=1;a--){
                System.out.print(a);
            }
            for(int j=in;j>=i;j--){
                System.out.print(in+1-i);
            }
            System.out.println();
        }
    }
}
```

Reply



Trishita D

24 February 2014 at 21:48 ✕

Hi!

Can you help me print the following series please:

```
1
121
12321
1234321
123454321
```

Reply



Code Nirvana

25 February 2014 at 21:38 ✕

Hello Trishita!

Same pattern we solved at CNo. < 43 /> . I suggest you to do check that too....

for your pattern, viz. upper triangle of < 43 /> pattern!

Source Code:

```
class series {
    public static void main(String Args[]) {
        int max = 5; //max no. in series
        for(int i=1;i<=max;i++){
            for(int j=1;j<=i;j++){
                System.out.print(j);
            }
        }
    }
}
```

```
    }  
    for(int k=i-1;k>=1;k--){  
        System.out.print(k);  
    }  
    System.out.println();  
}  
}
```

Reply



Trishita D

2 May 2014 at 16:55 ✕

thank you! can you also help with automorphic numbers??

Reply



Code Nirvana

2 May 2014 at 17:02 ✕

Yes we will help for automorphic number program! What's the program? Leave your question/program....

Reply



Swapnil Parekh

25 February 2014 at 00:22 ✕

Hello, thanks for the series above but what about the Look and Say sequence?

1

11

21

1211

YOUR HELP IS APPRECIATED!!

Reply



Code Nirvana

25 February 2014 at 21:56 ✕

Hello Again!

I think this pattern might be wrong because there's no systematic logic I found....

I request you to please print this pattern for at least 5 lines, to get the logic and solve your problem ASAP :)

Reply



Rohan Baluja



27 February 2014 at 13:09 ✕

Sir , I would like to know the way how to make patterns like

```
1
23
456
78910
11 12 13 14 15
```

Or

```
12345
22345
33345
44445
55555
```

I actually know the answers but I don't know how to make the patterns myself.

Can u plz guide me and tel me the tricks and tips to make any kind of pattern...

Waiting for ur reply.

Reply



Code Nirvana

1 March 2014 at 17:12 ✕

Hello Rohan Baluja!

So as you already know the answers of these two patterns so i am skipping the first question and coming to the second question How to make these patterns.

So for these types of patterns....

1st you need to count the number of triangle or repetitive numeric patter present in the given pattern. Like for you first pattern there's just 1 triangle pattern with the logic of increment of numbers by one and starting from 1.

2nd create a for loop with the condition of number of lies or rows in your pattern!

Like: `for(int i=1;i<=Lines;i++){ }`

now create a nested for loop inside the above for loop with the condition satisfying the number of characters/numbers it will print in a row/line.

Like the 1st pattern needs output as number of columns in current row = number of that row means for 1st it print just 1 no. for 2nd it gives 2 no. and so on....

now finally you need a variable which you need to print with ++ after every execution!

Note: Practice is the only method to learn printing these patterns so i suggest you to check the comments asked by others above and check my answer to those questions and understand the logic.

Reply



Kankana Majumder

28 February 2014 at 22:24 ✕

can u help me with this

*1

*23
*456
*78910

Reply



Code Nirvana

1 March 2014 at 16:49 ✕

Hello Kankana!

Same question was asked by Mithu Majumder earlier, check comment <10/>.

Still if you have any problem... feel free to contact us :)

Reply



Rimjhim Ghosh

12 March 2014 at 11:48 ✕

Hi! Can u pls help me to print the following series in java??

5
45
345
2345
12345

All the 5s in 1 series, all the 4s in one, all the 3s in one and all d 2s in one...pls help me...

Reply



Code Nirvana

12 March 2014 at 19:02 ✕

Hello Rimjhim Ghosh!

I think you want to align all the series towards right according to number....

So, for that try the code given below and do respond, is that's the code you're asking for in your last line :)

```
public class series{
    public static void main (String args[]){
        int n = 5; //max num or lines
        int p = n; //copy max value to p
        for(int i=1;i<=n;i++){           //Number of lines
            for(int s=n;s>i;s--){        //Align Numbers
                System.out.print(" ");
            }
            for(int j=1;j<=i;j++,p++){    //Printing
                System.out.print(p);
            }
            p = n - i;                    //Set for the next run
        }
    }
}
```



```
        System.out.println();    //New Line
    }
}
}
```

Reply



Vivekanandan .v

15 March 2014 at 13:58 ✕

Hi Can you please Help me with this pattern ?

a=1,b=1,c=1. and the pattern is...

121

1331

14641

you can use any number of for loop with a,b,c values.

Thanks in advance...!

Reply



Code Nirvana

15 March 2014 at 20:07 ✕

The pattern shown is also known as Pascal Triangle!

Visit : [Pascals Triangle In Java](#)

If still you have any question... feel free to reply!

Reply



satyaveer

16 March 2014 at 10:25 ✕

code for following pattern

12345678910

1112131415617181920

so on up too 100

Reply



Code Nirvana

16 March 2014 at 14:53 ✕

Hello Satyaveer, its a easy pattern.... check the code given below!

```
public class series{
    public static void main (String args[]){
        for(int i=1;i<=100;i+=10){
            for(int j=0;j < 10;j++){
```

```

        System.out.print(i+j);
    }
    System.out.println();
}
}
}

```

Reply



ali ismail

21 March 2014 at 15:07 ✕

This is interview question I faces ..

how to get this pattern

```

***1***
**22**
*3*3*3*
4*4*4*4

```

Reply



Code Nirvana

27 March 2014 at 16:39 ✕

Hello Ali!

We are sorry for the delay, your pattern is completely perfect there's no problem in this question... check the code given below:

```

public class series{
    public static void main (String args[]){
        int ln=4;    //change this accordingly
        for(int i=1;i<=ln;i++){
            stars(ln,i); //print stars
            for(int j=1;j<=i;j++){
                if(j < i) System.out.print(i+"*");
                else System.out.print(i);
            }
            stars(ln,i); //print stars
            System.out.println();
        }
    }
    //Star printing function
    static void stars(int ln,int i){
        for(int s=ln;s > i;s--){
            System.out.print("*");
        }
    }
}

```

Hope this code works perfectly for you, if there's any other problem, let us know!

Reply



Sathish Telu

26 March 2014 at 15:51 ✕

i want like this typeof stars

```
*1*
**2**
***3***
****4****
*****5*****
```

Reply



Code Nirvana

26 March 2014 at 17:43 ✕

Hello Sathish

check this code:

```
public class series{
    public static void main (String args[]){
        int num = 5; //change this accordingly
        for(int i=1;i<=num;i++){
            stars:
            for(int j=1;j<=i;j++){
                System.out.print("*");
            }
            System.out.print(i);
            for(int j=1;j<=i;j++){
                System.out.print("*");
            }
            System.out.println();
        }
    }
}
```

Reply



Shivling Bhandare

26 March 2014 at 23:46 ✕

Sir,

please tell me what is java code to generate

1
01
101
0101
10101

Reply



Code Nirvana

27 March 2014 at 06:55 ✕

Hi Shivling!

Nice pattern concept with 1 and 0, check the code below:

```
public class series{
    public static void main (String args[]){
        int ln = 5;    //change this accordingly
        int print = 0; //var. with value 0 & 1
        for(int i=1;i<=ln;i++){
            print = (i%2==0)?0:1;    //check for even-odd var. i
            for(int j=1;j<=i;j++){
                System.out.print(print);
                print = (print==0)?1:0; //change value-> 1 if 0 and 0 if 1
            }
            System.out.println();    //New line
        }
    }
}
```

Reply



Mehak Ellahi

27 March 2014 at 10:37 ✕

Please help me in making this number pattern

33 32 31 30
23 22 21 20
13 12 11 10
03 02 01 00

Reply



Code Nirvana

27 March 2014 at 19:54 ✕

Hello Mehak!

Run the code given below....

```
public class series{
    public static void main (String args[]){
        int ln=3;    //change this accordingly
        for(int i=0;i<=ln;i++){
            for(int j=0;j<=ln;j++){
                System.out.print(""+(ln-i)+(ln-j)+" ");
            }
            System.out.println();
        }
    }
}
```

Reply



Mehak Ellahi

27 March 2014 at 20:37 ✕

Thank you so much sir. Kindly help me with this number pattern as well

```
00 00 00 00
00 11 00 00
00 00 22 00
00 00 00 33
```

Reply



Code Nirvana

27 March 2014 at 20:45 ✕

Glad to know our code works perfectly for you!

for the above pattern only one line should be changed...

Use the same code and replace `System.out.print(""+(ln-i)+(ln-j)+" ");`

with:

```
if(j==i) System.out.print(""+i+i+" ");
else System.out.print("00 ");
```

Reply



Sourav Bhattacharjee

27 March 2014 at 22:14 ✕

```
1 2 3 2
2 1 2 3
1 2 3 2
2 1 2 3
```

Reply



ishankar sir

1 April 2014 at 12:34 ✕

1
2 2
3 3 3
4 4 4 4

send code for this program

Reply



Code Nirvana

1 April 2014 at 17:19 ✕

Ishankar sir here's you code :)

```
public class series{  
    public static void main (String args[]){  
        int ln=4;    //change this accordingly  
        for(int i=1;i<=ln;i++){  
            for(int j=1;j<=i;j++){  
                System.out.print(i);  
                System.out.println();  
            }  
        }  
    }  
}
```

Reply



ishankar sir

3 April 2014 at 16:57 ✕

thank u very much

Reply



ishankar sir

3 April 2014 at 16:56 ✕

21 22
31 32
41 42
51 52

can u plz send the code for this pattern thanks

Reply



Code Nirvana

3 April 2014 at 18:14 ✕

Hello Again!

Code for the above pattern is:

```
public class series{
    public static void main (String args[]){
        int p=2 , q=5;
        for(int i=p ; i<=q; i++){
            for(int j=1; j<=2;j++){
                System.out.print(""+i+j+" ");
            }
            System.out.println();
        }
    }
}
```

Reply



Arnab Purkait

6 April 2014 at 11:54 ✕

can u help for this

```
1
01
101
0101
10101
```

Reply



Code Nirvana

6 April 2014 at 12:01 ✕

Hello Arnab!

The same pattern I answered at comment <55 /> .

Check that code...

Reply



tarang gup

12 April 2014 at 16:19 ✕



can u please send me the pattern

for ex=90

1 3 9 27 81

1 3 9 27

1 3 9

1 3

1

Reply



Code Nirvana

12 April 2014 at 18:27 ✕

Check this code:

```
public class series {
    public static void main ( String arg[] ){
        int ex = 90;
        int pre , i , j;
        for( i=1 ; ex>=1 ; i++ , ex/=3 ){
            pre = 1;
            for( j=1 ; j<=ex ; j=pre*3 ){
                System.out.print(j+" ");
                pre = j;
            }
            if(i==1)
                ex = j/3;
            System.out.println("\n");
        }
    }
}
```

Reply



Deepak Rawat

15 April 2014 at 20:12 ✕

Please help in solving this pattern

*

*

Reply



Code Nirvana

15 April 2014 at 21:56 ✕

```
public class series {  
    public static void main ( String arg[] ){  
        int ln = 3;  
        for(int i=1;i<=ln;i++){  
            for(int j=1;j<=i;j++){  
                System.out.print("*");  
            }  
            System.out.println();  
        }  
        for(int i=1;i<ln;i++){  
            for(int j=ln-i;j>0;j--){  
                System.out.print("*");  
            }  
            System.out.println();  
        }  
    }  
}
```

Reply



Deepak Rawat

17 April 2014 at 20:06 ✕

thnx for helping me

Reply



vats

16 April 2014 at 05:36 ✕

this is my problem,please help me as soon as possible

1
2 1
3 2 1
4 3 2 1
5 4 3 2 1
6 5 4 3 2 1

please give me answer as soon as possible,
my homework

Reply



Code Nirvana

16 April 2014 at 08:09 ✕

Hello!

This pattern is solved at comment [16](#).

So, scroll up and check that comment and our reply!

Reply



peter son

17 April 2014 at 12:09 ✕

This comment has been removed by a blog administrator.



Deepak Rawat

17 April 2014 at 20:10 ✕

Please help me as soon as possible in solving this problems

COMPUTER
COMPUTE
COMPUT
COMPU
COMP
COM
CO
C

THNX....

Reply



Code Nirvana

17 April 2014 at 20:32 ✕

Here it is:

```
public class series {  
    public static void main ( String arg[] ){
```

```
String text = "COMPUTER";
int len = text.length();
for(int i=0;i<len;i++){
    System.out.println( text.substring(0,len-i) );
}
}
```

Reply



Deepak Rawat

17 April 2014 at 21:58 ✕

CAN U HELP ME IN THIS

```
-----a
-----bab
-----cbabc
-----dcbabcd
-----edcbabcde
```

Reply



Code Nirvana

18 April 2014 at 18:48 ✕

Check This Code:

```
public class series {
    public static void main ( String arg[] ){
        int ln =5;
        char c = 'a';
        for(int i=1;i<=ln;i++,c+=i){
            for(int s=ln;s>i;s--) System.out.print("-");
            for(int j=1;j<i*2;j++){
                if(j<=i){
                    System.out.print(c);
                    c--;
                } else {
                    char d = (char) (c+j-i+1);
                    System.out.print(d);
                    d++;
                }
            }
            System.out.println();
        }
    }
}
```

Reply



Deepak Rawat

19 April 2014 at 10:06 ✕

Please send me this code as fast as possible.

```
-----*
-----***
-----*****
-----*****
-----*****
-----***
-----*
```

Reply



Code Nirvana

19 April 2014 at 10:09 ✕

Check This Post First: [Triangle Pattern In JAVA](#)

Reply



Kuhu Srivastava

19 April 2014 at 18:44 ✕

hello,
could you please tell me the code of this pattern:

```
5 5 5 5 5
4 4 4 4
3 3 3
2 2
1
```

Reply



Code Nirvana

20 April 2014 at 08:53 ✕

Check this code for the above pattern:

```
public class series {
    public static void main ( String arg[] ){
        int ln=5;    //Number of lines/rows
        for(int i=0;i<ln;i++){
```

```

        for(int j=ln;j>i;j--){
            System.out.print(ln-i+" ");
        }
        System.out.println();
    }
}

```

Reply



Sujit Scaria

19 April 2014 at 21:26 ✕

hello can you help me printing this

```

1
212
32123
4321234
543212345
4321234
32123
212
1

```

Reply



Code Nirvana

20 April 2014 at 09:17 ✕

For the pattern you mentioned, check this code:

```

public class series {
    public static void main ( String arg[] ){
        int ln=5;
        //Upper Triangle
        for(int i=1;i<=ln;i++){
            for(int s=ln;s>i;s--) System.out.print(" ");
            for(int j=0;j<i;j++) System.out.print(i-j);
            for(int j=2;j<=i;j++) System.out.print(j);
            System.out.println();
        }
        //Lower Triangle
        for(int i=1;i<ln;i++){
            for(int s=1;s<=i;s++) System.out.print(" ");
            for(int j=ln-i;j>0;j--) System.out.print(j);
            for(int j=2;j<=ln-i;j++) System.out.print(j);
            System.out.println();
        }
    }
}

```

```
}  
}
```

Reply



Deepak Rawat

22 April 2014 at 22:34 ✕

PLEASE HELP IN PRINT THE FOLLOWING CODE :-

T
TE
TEA
TEAC
TEACH
TEACHE
TEACHER

#####

TEACHER
--EACHER
----ACHER
-----CHER
-----HER
-----ER
-----R

PLEASE SEND ME ABOVE CODE FASTAS SOON AS POSSIBLE.

THNX.....

Reply



Code Nirvana

23 April 2014 at 21:17 ✕

Pattern 1 Code:

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

```
String txt = "TEACHER";
for(int i=1;i<=txt.length();i++){
    System.out.println(txt.substring(0, i));
}
}
```

and,

Pattern 2 Code:

```
class series{
    public static void main(String args[]){
        String txt = "TEACHER";
        for(int i=0;i<txt.length();i++){
            for(int s=i;s>0;s--)    System.out.print("-");
            System.out.println(txt.substring(i, txt.length()));
        }
    }
}
```

Reply



nis

23 April 2014 at 13:27 ✕

print this:

n=4

1 2 3 4 17 18 19 20

5 6 7 14 15 16

8 9 12 13

10 11

Reply



Code Nirvana

23 April 2014 at 15:14 ✕

Awesome pattern logic!

Here's the solution:

```
class series{
    public static void main(String args[]){
        int n = 4;
```

```
int p=1 , q=n*n+1 , r;
for(int i=0;i<n;i++){
    r = q; //Copy Value of q
    for(int j=1;j<=(n-i)*2;j++){
        if(j<=n-i){
            System.out.print(p+" ");
            p++;
        } else{
            System.out.print(q+" ");
            q++;
        }
    }
    System.out.println(); //New Line
    q = r = r - (n-i-1); //Set Next Value Of q
}
}
```

Reply



thipparthi vasavi

24 April 2014 at 14:45 ✕

Can anyone send code for following pattern?

```
1
1 1
1 2 1
1 3 3 1
1 4 4 4 1
1 5 5 5 5 1
```

Reply



Code Nirvana

24 April 2014 at 17:55 ✕

Thipparthi , code for above pattern is:

```
class series{
    public static void main(String args[]){
        int n=6;
        for(int i=1;i<=n;i++){
            for(int j=1;j<=i;j++){
                if(j==1 || j==i){
                    System.out.print(1+" ");
                } else{
                    System.out.print(i-1+" ");
                }
            }
        }
    }
}
```



```
    }  
    System.out.println();  
  }  
}
```

Reply



infernape mew

28 April 2014 at 15:01 ✕

how to print this code ?

5

44

333

2222

11111

Reply



Code Nirvana

28 April 2014 at 19:45 ✕

For the above pattern... this is the code:

```
class series{  
    public static void main(String args[]){  
        int row = 5;  
        for(int i=0;i<row;i++){  
            for(int j=0;j<=i;j++){  
                System.out.print(row-i);  
            }  
            System.out.println();  
        }  
    }  
}
```

Reply



Gaurav Das

28 April 2014 at 23:09 ✕

actually the pattern is as below.

```
*  
* *  
* * *  
* *  
*
```

*

Reply



Code Nirvana

29 April 2014 at 19:30 ✕

Hello Gaurav Das, I think you want them in centre! right?

for that pattern... check this code:

```
class series{
    public static void main(String args[]){
        int row = 3;
        //upper triangle
        for(int i=1;i<=row;i++){
            for(int s=i;s<row;s++) System.out.print(" ");
            for(int j=1;j<=i;j++) System.out.print("* ");
            System.out.println();
        }
        //lower triangle
        for(int i=1;i<row;i++){
            for(int s=i;s>0;s--) System.out.print(" ");
            for(int j=row-i;j>0;j--) System.out.print("* ");
            System.out.println();
        }
    }
}
```

Reply



infernape mew

1 May 2014 at 21:00 ✕

can u please give the solution for the following SERIES:

0,1,2,3,6

I want the first 10 numbers of the series

Reply



Code Nirvana

1 May 2014 at 21:21 ✕

For the above series, use this code:

```
class series {
    public static void main (String args[]){
        int num[] = new int[3];
        for(int i=1,n=0;i<=10;i++){
```

```
        if(i<=3){
            System.out.print(n+", ");
            num[i-1]=n;
            n++;
        } else{
            int next = 0;
            for(int j=0;j<3;j++) next += num[j];
            System.out.print(next+",");
            num[0]=num[1]; num[1]=num[2]; num[2]=next;
        }
    }
}
```

Reply



Aditya Chavan

4 May 2014 at 18:34 ✕

Hey how do i print

P

PO

POD

PODA

PODAR

Reply



Code Nirvana

4 May 2014 at 18:38 ✕

This is the code for making all the text patterns like this...

```
class series{
    public static void main(String args[]){
        String txt = "PODAR";
        for(int i=1;i<=txt.length();i++){
            System.out.println(txt.substring(0, i));
        }
    }
}
```

Reply



Kalpak Shah

25 May 2014 at 12:27 ✕

```
1
2 3 2
3 4 5 4 3
4 5 6 7 6 5 4
5 6 7 8 9 8 7 6 5
6 7 8 9 0 1 0 9 8 7 6
7 8 9 0 1 2 3 2 1 0 9 8 7
8 9 0 1 2 3 4 5 4 3 2 1 0 9 8
```

Reply



anupma goyal

10 May 2014 at 09:56 ✕

pls tell me the code for the series

0,1,2,3,6,.....

using for loop

and to find the frequency of each digit present in the number

eg...in 341124

freq of 1=2 nd freq of 4=2.

using for loops

Reply



Code Nirvana

10 May 2014 at 17:19 ✕

Hello!

Code for the frequency program is,

```
public class NewClass{
    public static void main(String args[]){
        int n = 12335;
        int freq[]=new int[10];
        for(int i=0; i<10; i++){
            freq[i]=0;
        }
        int d;
        while(n>0){
            d=n%10;
            freq[d]++;
            n=n/10;
        }
        for(int i=0; i<10; i++){
            if(freq[i]!=0)
                System.out.println(""+i+"\t"+freq[i]);
        }
    }
}
```

```
}  
}
```

Reply



Code Nirvana

10 May 2014 at 17:41 ✕

for your series program please add some more elements to get what's the logic/pattern to print the next numbers if you want to print Tribonacci series than you should check this post: [Multibonacci Series Program in Java](#)

Reply



VIVEK R S

15 May 2014 at 10:13 ✕

Hi i need code for

```
1000  
0100  
0010  
0001
```

Reply



Code Nirvana

15 May 2014 at 11:23 ✕

For this pattern try this code:

```
public class series {  
    public static void main ( String arg[] ){  
        int ln = 4;  
        for(int i=0;i<ln;i++){  
            for(int j=0;j<ln;j++){  
                if(j==i)    System.out.print("1");  
                else        System.out.print("0");  
            }  
            System.out.println();  
        }  
    }  
}
```

Reply



murugan gopichandran

16 May 2014 at 07:54 ✕

how to print pattern like this

```
1
2 4 6
8 10 12 14 16
16 18 20 22 24 26 28
```

Reply



Code Nirvana

16 May 2014 at 21:21 ✕

Check this code for this pattern,

```
public class series {
    public static void main ( String arg[] ){
        int ln = 4 , p=1;
        for(int i=0;i<ln;i++){
            if(i==1) p=2;
            for(int j=0;j<=i*2;j++){
                System.out.print(p+" ");
                p+=2;
            }
            System.out.println();
        }
    }
}
```

Reply



rajan mohan

19 May 2014 at 20:10 ✕

Sir I want a java program which should display the following output

```
B
LL
UUU
EEEE
JJJJ
```

sir I want dis program ASAp

Reply



Code Nirvana

20 May 2014 at 14:48 ✕



```
public class pattern {
    public static void main ( String arg[] ){
        String txt = "BLUEJ";
        for(int i=0;i<txt.length();i++){
            for(int j=0;j<=i;j++){
                System.out.print(txt.substring(i, i+1));
            }
            System.out.println();
        }
    }
}
```

Reply



Ezgi Aktaş

20 May 2014 at 00:43 ✕

hello sir, can you help me for codes of these:

```
4321
-321
--21
---1
and
----4
---343
--23432
-1234321 ("- means space)
```

Reply



Code Nirvana

20 May 2014 at 15:01 ✕

Pattern 1st code:

```
public class series {
    public static void main ( String arg[] ){
        int ln=4;
        for(int i=0;i<ln;i++){
            for(int s=0;s<i;s++)
                System.out.print(" ");
            for(int j=0;j<ln-i;j++)
                System.out.print(ln-i-j);
            System.out.println();
        }
    }
}
```

Pattern 2nd code:

```
public class series {
    public static void main ( String arg[] ){
        int ln=4;
        for(int i=0;i<ln;i++){
            for(int s=1;s<ln-i;s++){
                System.out.print(" ");
            }
            for(int j=0,k=ln-1;j<=i*2;j++){
                if(j<=i){
                    System.out.print(ln-i+j);
                } else{
                    System.out.print(k);
                    k--;
                }
            }
            System.out.println();
        }
    }
}
```

Reply



Ezgi Aktaş

20 May 2014 at 18:20 ✕

thank you for your answer. i have a problem more:

```
4321
-321
--21
---1
--21
-321
4321
```

Reply



Code Nirvana

20 May 2014 at 18:47 ✕

I think this is what you need!

```
public class series {
    public static void main ( String arg[] ){
        int ln=4;
        for(int i=0;i<ln;i++){
```



```

        for(int s=0;s<i;s++)
            System.out.print(" ");
        for(int j=0;j<ln-i;j++)
            System.out.print(ln-i-j);
        System.out.println();
    }
    for(int i=1;i<ln;i++){
        for(int s=1;s<ln-i;s++)
            System.out.print(" ");
        for(int j=0;j<=i;j++)
            System.out.print(i-j+1);
        System.out.println();
    }
}

```

Reply



CrazyGuyH

20 May 2014 at 18:39 ✕

hello guys at code nirvana can u plz help me the following code

```

A
A B A
A B C B A
A B C D C B A
A B C B A
A B A
A

```

Reply



Code Nirvana

20 May 2014 at 20:28 ✕

```

public class series {
    public static void main ( String arg[] ){
        String txt = "ABCD";
        for(int i=0;i<txt.length();i++){
            for(int s=1;s<txt.length()-i;s++) System.out.print(" ");
            for(int j=0,k=i;j<=i*2;j++){
                if(j<=i) System.out.print(txt.substring(j, j+1)+" ");
                else{
                    System.out.print(txt.substring(k-1, k)+" ");
                    k--;
                }
            }
        }
    }
}

```

```

        System.out.println();
    }
    for(int i=0;i<txt.length();i++){
        for(int s=-1;s<i*2;s++) System.out.print(" ");
        for(int j=txt.length()-i-1,n=0;j>0;j--,n++)
            System.out.print(txt.substring(n, n+1)+" ");
        for(int j=txt.length()-i-2;j>0;j--)
            System.out.print(txt.substring(j-1, j)+" ");
        System.out.println();
    }
}

```

Just checked your comment! I hope it fast enough (5 min.) So code might be complex but works as you want :)

Reply



Marzuqa Quraishi

8 July 2014 at 12:59 ✕

how to write a program to display the following pattern:-

```

15 14 13 12 11
10 9 8 7
6 5 4
3 2
1

```

Reply



Code Nirvana

10 July 2014 at 18:23 ✕

check this code:

```

public class series{
    public static void main (String args[]){
        for(int i=0,p=15;i<5;i++){
            for(int j=5-i;j>0;j--){
                System.out.print(p--+" ");
            }
            System.out.println();
        }
    }
}

```

Reply



Varun Srivastava

15 July 2014 at 23:19 ✕

Hello Sir, Can you explain me the logic of pattern programs ?
what does "i" , "j", "k" and other represent or refer to ?
I cant understand pattern programs. Can you please help me with this ?

Reply



Code Nirvana

16 July 2014 at 16:12 ✕

there's no limitation on giving any other name to your variables but we give i,j,k just for testing and learning purposes...

here's the basic meaning:

i = no. of rows in your pattern

j = no. of columns/row

k = any other special condition or value to print in pattern either number or symbol.

This is the simple structure for printing the pattern :

```
for(int i=0; i<rows; i++){  
    for(int j=0; j<=i; j++){  
        System.out.print("*");  
    }  
    System.out.println();  
}
```

rows are either pre-initialised or asked at runtime!

I hope this is useful for you.... I suggest you to practice for better understanding, you can get 100s of pattern asked by others and check our solutions!

Reply



Amrutha Aswath

24 July 2014 at 19:08 ✕

hello sir, can you help me for codes of these:

```
1  
0 1  
1 0 1  
0 1 0 1
```

Reply



Code Nirvana

24 July 2014 at 19:31 ✕

Hello! Please check comment <50/>

Reply



Anand prakas yadav

25 July 2014 at 17:13 ✕

```
public class Pat{
public static void main(String args[]){
int k=0;
for(int i=1;i<=4;i++){

if(i%2==0){
k=0;
}
else{
k=1;
}
for(int j=1;j<=i;j++){

System.out.print(k);
if(k==0){
k=1;
}
else{
k=0;
}

}
System.out.println();

}
}
}
```

Reply



Manjunath M

24 July 2014 at 20:40 ✕

plz solve ths pattern to print..

```
*
* * *
* * * * *
* * * * * *
* * * * *
```

* * *
*

Reply



Manjunath M

24 July 2014 at 20:41 ✕

the pattern must be in daimond shape

Reply



Anand prakas yadav

25 July 2014 at 17:38 ✕

```
public class Pat1{
public static void main (String args[]){
for(int g=1; g<=1;g++){

for(int i=1;i<=7;i++){

if(i%2==0){

System.out.println();
}
else{
for(int j=1;j<=i;j++){
System.out.print("* ");
}
}

}

System.out.println();

for(int k=1; k<=5;k++){

if(k%2==0){
System.out.println();
}
else{
for(int m=k; m<=5; m++){
System.out.print("* ");
```

```
}  
}  
  
}  
  
System.out.println();  
}  
}  
}
```

Reply



abhishek kumar

26 July 2014 at 20:25 ✕

help me for this pattern....
if n=4 then pattern is.....
4
3 4
2 3 4
1 2 3 4

the pattern above forms an upper-triangle, which i m not able to
draw @ comment :(

Reply



Anand prakas yadav

28 July 2014 at 17:11 ✕

```
public class Pat4{  
    public static void main (String args[]){  
        int h=4;  
        for(int y=1; y<=4; y++){  
            for(int i=h; i<=4; i++){  
                System.out.print(i);  
  
            }  
            h--;  
            System.out.println();  
        }  
    }  
}
```

Reply





genrev ramos

27 July 2014 at 18:54 ✕

using while statement

54321

5432

543

54

5

54

543

5432

54321

5

54

543

5432

54321

5432

543

54

5

Reply



Kalyani Pandaga

28 July 2014 at 12:01 ✕

hai

----- *

----- * *

----- * * *

----- * * * *

----- * * * * *

Reply



Anand prakas yadav

28 July 2014 at 16:53 ✕

```
public class Pat3{
    public static void main (String args[]){
        int p=14;
        for(int i=1; i<=5; i++){
            for(int k=1; k<=p; k++){
                System.out.print("-");
```

```
}  
for(int f=1; f<=i; f++){  
    System.out.print(" * ");  
  
}  
p=p-2;  
System.out.println();  
}  
}  
}
```

Reply



AXA GROUP

1 August 2014 at 18:56 ✕

Sir I want a java program which should display the following output
BY USING BUFFERED READER

```
B  
LL  
UUU  
EEEE  
JJJJ
```

Reply



AXA GROUP

4 August 2014 at 19:07 ✕

please give us only 1st character
HONESTY IS THE BEST POLICY --- OUTPUT (H I T B P , Y S E T Y) BY USING BUFFERED

Reply



Gil

28 July 2014 at 22:37 ✕

```
123456787654321  
1234567_7654321  
123456__654321  
12345___54321  
1234____4321  
123_____321  
12_______21  
1_______1
```

Reply



AXA GROUP

1 August 2014 at 19:06 X

SIR PLEASE SOLVE THIS PROGRAM

write a program to generate a pattern of a string entered by the user based upon user's choice .

sample input : HONESTY IS THE BEST POLICY

Enter your choice 1 Enter your choice2

Output: H O U T P U T Y

I S

T E

B T

P Y

Reply

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Any fool can write code that a computer can understand. Good programmers write code that humans can understand.
- Martin Fowler

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