

Create Blog

```
12345
                                     1234567
4321
                                     12345
123
                                     123
21
1
                                                           14
                                     Code of above pattern
Code of above pattern
                   13
                                     13579
1
                                     3579
01
                                     579
101
                                     79
0101
                                     9
Code of above pattern
                                     Code of above pattern
                   15
                                                           16
                                     55555
1
2 4
                                     45555
1 3 5
                                     34555
2 4 6 8
                                     23455
1 3 5 7 9
                                     12345
Code of above pattern
                   17
                                     Code of above pattern
                                                            18
                                     1
                                     10
23
                                     101
456
                                     1010
78910
                                     10101
                   19
                                                             20
Code of above pattern
                                     Code of above pattern
1
                                     1
2 6
                                     123
3 7 10
                                     12345
4 8 11 13
                                     1234567
5 9 12 14 15
                                                          22
                   21
                                     Code of above pattern
Code of above pattern
12344321
                                         1
123**321
                                       2 3 4
12****21
                                     5 6 7 8 9
1*****1
                    23
Code of above pattern
                                     Code of above pattern
                                                           24
   2 3 4 5 6 7 8 9 10
   37 38 39 40 41 42 43 44 11
   64 65
          66 67
                 68
                      69
                         70
                             45
34
   63 84 85 86 87 88 71 46 13
33 62 83 96 97 98 89 72 47 14
32 61 82 95 100 99 90 73 48 15
31 60 81 94 93 92 91 74 49 16
30 59 80 79 78 77 76 75 50 17
29 58 57 56 55 54 53 52 51 18
28 27 26 25 24 23 22 21 20 19
Code of above pattern
11111
                                     5432*
                                     543*1
2222
333
                                     54*21
                                     5*321
22
1
                                     *4321
              26
```

Code of above pattern	26	Code of above pattern		.5	
1 121 12321 1234321		0 909 89098 7890987 678909876 56789098765 4567890987654 345678909876543 23456789098765432 1234567890987654321			
Code of above pattern		Code of above pattern			
1 1 12 21 123 321 1234 4321 1234554321 Code of above pattern	30	1 21 321 4321 54321 Code of above pattern	31		
1 232 45654 78910987		1 2*2 3*3*3 4*4*4*4 4*4*4*4 3*3*3 2*2			
Code of above pattern		Code of above pattern			
11 12 13 13 14 15 14 15 16 17 Code of above pattern		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 Code of above pattern			
5 54 543 5432 54321 Code of above pattern	36	1 212 32123 4321234			
Code of above pattern	30	Code of above pattern			
1 23 345 4567 56789 Code of above pattern		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15			
1234 2341 3421 4321		11111 0000 111 00			
Code of above pattern		Code of above pattern			

```
11111
                 1
             4 9 16
                                       1 1
                                       1 1
        25 36 49 64 81
   100 121 144 169 196 225 256
289 324 361 400 441 484 529 576 625
                                       11111
Code of above pattern
                                       Code of above pattern
                                            1
                                           123
                                          12345
   1
                                         1234567
  1 2
 1 2 3
                                        123456789
                                         1234567
1 2 3 4
1 2 3 4 5
                                          12345
                                           123
                                            1
Code of above pattern
                                       Code of above pattern
                                        5 5 5 5 5 5 5 5 5
                                        5 4 4 4 4 4 4 4 5
                                        5 4 3 3 3 3 3 4 5
*000*000*
                                        5 4 3 2 2 2 3 4 5
0*00*00*0
                                        5 4 3 2 1 2 3 4 5
00*0*0*00
                                        5 4 3 2 2 2 3 4 5
000***000
                                        5 4 3 3 3 3 3 4 5
                                        5 4 4 4 4 4 4 4 5
                                        5 5 5 5 5 5 5 5 5
Code of above pattern
                                        Code of above pattern
                                        1
                                       2 4
                                        3 6 9
1
                                       4 8 12 16
1 1
                                       5 10 15 20 25
1 2 1
                                       6 12 18 24 30 36
1 3 3 1
                                       7 14 21 28 35 42 49
1 4 6 4 1
                                       8 16 24 32 40 48 56 64
                                        9 18 27 36 45 54 63 72 81
                                        10 20 30 40 50 60 70 80 90 100
Code of above pattern
                                       Code of above pattern
                                        11111
                                        10001
1 2
3 5 8
                                        10001
13 21 34 55
                                        10001
89 144 233 377 610
                                        11111
Code of above pattern
                                       Code of above pattern
1 2 3 4 5
                                        1
2 1 2 3 4
                                       3 2
3 2 1 2 3
                                        4 5 6
4 3 2 1 2
                                        10 9 8 7
5 4 3 2 1
                                       11 12 13 14 15
Code of above pattern
                                        Code of above pattern
                                        1
                                             1
                                          3 3
232
34543
                                          4
4567654
                                         3 3
567898765
                                         2 2
Code of above pattern
```

Code of above pattern

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

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

Code of above pattern

Code of above pattern

1 2 3 4 5 16 - 6 15 - 7 14 - 8 13 12 11 10 9

Code of above pattern

Code of above pattern

N=39714

```
3 9 1 7 4
9 1 7 4
1 7 4
7 4
```

Code of above pattern

Related Links:

Star Patterns

http://cbasicprogram.blogspot.in/2012/03/star-patterns.html

Alphabet Patterns

http://cbasicprogram.blogspot.in/2013/03/alphabet-patterns.html

Series Programs

http://cbasicprogram.blogspot.in/2013/01/series-program.html



110 comments:



Anonymous October 8, 2012 at 12:38 AM

thanks for this one...

Reply



Anonymous January 21, 2013 at 7:22 PM

please bro i need code for this pattern..

```
123
12345
1234567
12345
123
```

Reply



Nimish Garg / January 21, 2013 at 8:01 PM

```
Number Patterns - Program in C
         for(i=1;i<=7;i+=2)
         for(j=1;j<=i;j++)
         printf("%d",j);
         printf("\n");
         for(i=5;i>=1;i-=2)
         for(j=1;j<=i;j++)
         printf("%d",j);
         printf("\n");
 Reply
Anonymous January 25, 2013 at 1:30 PM
15810
269
3 7
reply plzzzz!!
Reply
▼ Replies
         Nimish Garg / January 25, 2013 at 3:28 PM
         for(i=1;i<=4;i++)
         printf("%d",k=i;);
        for(j=4;j>i;j--)
printf("%d",k+=j);
         printf("\n");
 Reply
Anonymous January 25, 2013 at 8:23 PM
ohhh!!! thanx a lot...
Reply
ξტი February 7, 2013 at 9:25 AM
can any one tell how to print this patterns?
11111
22222
33333
44444
55555
Q2:
12345
12345
12345
12345
Reply
Replies
         Nimish Garg Pebruary 7, 2013 at 11:23 AM
         11111
         22222
         33333
         44444
         55555
         for(i=1;i<=5;i++)
         for(j=1;j<=5;j++)
printf("%d",i);
         printf("\n");
         12345
         12345
         12345
         12345
         for(i=1;i<=5;i++)
        for(j=1;j<=5;j++)
printf("%d",j);
         printf("\n");
```

```
Reply
Anonymous February 10, 2013 at 11:27 AM
what is logic of pattent
1234321
123 321
12 21
11
Reply
Replies
         Nimish Garg February 28, 2013 at 8:59 PM
         void main()
         for(i=4;i>=1;i--)
         for(j=1;j<=4;j++)
         if(j<=i)
         printf("%d",j);
         else
         printf(" ");
         for(j=3;j>=1;j--)
         if(j<=i)
         printf("%d",j);
         else
         printf(" ");
         printf("\n");
 Reply
Anonymous February 18, 2013 at 6:37 PM
please help me out with this
z y x w v w x y z
zyxwxyz
zyxyz
zyz
Reply
Replies
         Nimish Garg February 18, 2013 at 7:23 PM
         void main()
         int i,j;
         clrscr();
         for(i=5;i>=1;i--)
         {
for(j=1;j<=i;j++)
printf("%c ",123-j);
for(j-=2;j>=1;j--)
printf("%c ",123-j);
         printf("\n");
         getch();
 Reply
Krunal February 25, 2013 at 5:54 PM
How to print this pyramid
12345
.4 3 2 1
..1 2 3
....2 1
....1
```

```
Reply
▼ Replies
         Nimish Garg Pebruary 25, 2013 at 6:01 PM
         this should work, not tested ...
         for(i=5;i>=1;i--)
         for(j=5;j>i;j--)
         printf(" ");
         for(k=1;k<=i;k++)
         printf("%d ",k);
         printf("\n");
         Anonymous July 3, 2013 at 11:27 PM
         it workd..i wantd fr * patrn.. thanx !
 Reply
Kavit Kamath February 28, 2013 at 8:16 PM
How to print this ABCDEFEDCBA
ABCDE.EDCBA
ABCD.....DCBA
ABC.....CBA
AB.....BA
plzz help!! Dots are spaces ...
Reply
▼ Replies
         Nimish Garg February 28, 2013 at 8:57 PM
         void main()
         int i,j,k;
         for(i=5;i>=1;i--)
         for(j=1;j<=5;j++)
         if(j<=i)
         printf("%c",'A' + j-1);
else
         printf(" ");
         for(j=4;j>=1;j--)
        if(j<=i)
printf("%c",'A' + j-1);
         else
         printf(" ");
         printf("\n");
         pranav jain July 3, 2015 at 12:18 AM
         superb man!!!!!!!!!!!!!
 Reply
Unknown February 28, 2013 at 11:31 PM
12
123
1234 plz help
Reply
▼ Replies
```

```
Nimish Garg March 1, 2013 at 11:21 AM
         int main()
         int i, j;
         for(i=1;i<=4;i++)
         printf("%d\n",i);
         for(j=1;j<=i;j++)
         printf("%d",j);
         printf("\n");
 Reply
Ruchit Khamar March 7, 2013 at 9:41 PM
Α
 11
BBB
22222
CCCCC
Reply
 Replies
         Nimish Garg March 8, 2013 at 11:26 AM
         void main()
         int i, j;
         for(i=1;i<=5;i++)
         for(j=1;j<=i;j++)
         if(i%2==0)
         printf("%d",i/2);
         printf("%c",'A' + i/2);
         printf("\n");
 Reply
Anonymous March 13, 2013 at 9:30 AM
Pls help me....
54321
_5432
   __54
____5
___45
__345
_2345
12345
_is space....
Reply
         Nimish Garg March 13, 2013 at 9:31 AM
         54321
         _5432
         __543
         ___54
          ____5
         main()
         int i,j;
for(i=5;i>=1;i--)
         for(j=5;j>=1;j--)
```

```
if(j>i)
        printf(" ");
        else
        printf("%d",j);
        printf("\n");
        Nimish Garg March 13, 2013 at 9:34 AM
            _45
        ___45
__345
_2345
        12345
        main()
        int i,j;
for(i=5;i>=1;i--)
        for(j=1;j<=5;j++)
        if(j<i)
        printf(" ");
        else
        printf("\%d",j);
        printf("\n");
Reply
```

```
Anonymous March 13, 2013 at 9:39 AM
```

```
54321
*4321
**321
***21
****1
12345
*2345
**345
***45
****5
****5
***45
**345
*2345
12345
```

Pls help me with these programs pls...i need space where * is written.

Thank you

Reply

```
▼ Replies
         Nimish Garg March 13, 2013 at 9:41 AM
         54321
         *4321
**321
        ***21
****1
         main()
         int i,j;
for(i=5;i>=1;i--)
         for(j=5;j>=1;j--)
         if(i<j)
         printf(" ");
         else
         printf("%d",j);
         printf("\n");
```

```
Nimish Garg March 13, 2013 at 9:43 AM
        12345
        *2345
        **345
***45
****5
        main()
        int i,j;
for(i=1;i<=5;i++)
        for(j=1;j<=5;j++)
        if(j<i)
printf(" ");
        else
        printf("%d",j);
        printf("\n");
        Nimish Garg March 13, 2013 at 9:44 AM
        ***45
        **345
        *2345
        12345
        main()
        int i,j;
for(i=5;i>=1;i--)
        for(j=1;j<=5;j++)
        if(j<i)
        printf(" ");
        else
        printf("%d",j);
        printf("\n");
Reply
```

i want to print

Shashwat Dixit March 14, 2013 at 3:39 PM

С СО com comp compu comput compute computer

please tell me the programme to write the above thanksssssss

Reply

```
Replies
       Nimish Garg March 14, 2013 at 4:37 PM
       #include
       #include
       int main()
       char s[]="computer";
       int i,j;
       for(i=0;s[i];i++)
       for(j=0;j<=i;j++)
       printf("%c",s[j]);
       printf("\n");
       return 0;
```

```
Number Patterns - Program in C
        kalpana September 24, 2014 at 9:53 PM
        sir plzz tellme this program using manipulators in c++
 Reply
Shashwat Dixit March 14, 2013 at 3:41 PM
sir can you give me your phone no. or email ID so that i can contact you directly....
Reply
Replies
        Nimish Garg August 22, 2014 at 9:35 PM
        nimishsoft@gmail.com
 Reply
Anonymous March 15, 2013 at 10:40 PM
What is the code for ??
12344321
123321
1221
11
Reply
Replies
        Nimish Garg March 15, 2013 at 11:05 PM
        void main()
        int i,j,k;
        for(i=4;i>=1;i--)
        for(j=1;j<=i;j++)
        printf("%d",j);
        for(j=i;j>=1;j--)
        printf("%d",j);
        printf("\n");
 Reply
Nitin March 23, 2013 at 1:33 AM
232
23432
help me for this
Reply
        Nimish Garg March 25, 2013 at 1:45 PM
        printf("1\n");
        for(i=3;i<=4;i++)
        for(j=2;j<=i;j++)
        printf("%d",j);
for(j=i-1;j>=2;j--)
        printf("%d",j);
        printf("\n");
 Reply
atish javiya March 23, 2013 at 9:22 AM
what is program for this?
*##
#*#
##*
help!
```

```
Number Patterns - Program in C
Reply
Replies
        Nimish Garg March 25, 2013 at 12:57 PM
        for(i=1;i<=3;i++)
        for(j=1;j<=3;j++)
        if(i==j) printf("*");
        else printf("#");
        printf("\n");
 Reply
kavita keshari April 1, 2013 at 3:20 PM
how this can be code in c
1*3*5*7
2*4*6
3*11
8*10
13
pls help as soon as possible
Reply
Replies
        Nimish Garg April 1, 2013 at 4:53 PM
        not able to get the logic of it :O
 Reply
Kiran Ambre April 15, 2013 at 5:04 PM
*A*
*A*A*
*A*A*A*
help plz.
Reply
▼ Replies
        Nimish Garg April 15, 2013 at 7:17 PM
        for(i=1;i<=5;i++)
        for(j=1;j<=i;j++)
        if(j%2==0) printf("A");
        else printf("*");
        printf("\n");
 Reply
Anonymous May 4, 2013 at 12:31 PM
Please give the solution of modular program to read n numbers and find divisors of each of them......
Reply
shakir ali July 3, 2013 at 12:06 AM
what is the programe
23
456
7890
12345
Reply
▼ Replies
        Nimish Garg July 3, 2013 at 12:17 PM
```

```
Number Patterns - Program in C
        int main()
        int i,j,k;
        k=1;
        for(i=1;i<=5;i++)
        for(j=1;j<=i;j++)
        if(k==10) k=0;
        printf("\%d",k++);
        printf("\n");
 Reply
Ankit Parmar July 18, 2013 at 10:32 PM
12
121
1212
Reply
Replies
        Nimish Garg September 24, 2013 at 6:24 PM
        tweak with http://cbasicprogram.blogspot.in/2012/04/number-pattern-20.html
        in inner loop replace printf("%d",j%2);
```

Ayon Dey August 2, 2013 at 9:25 PM

12345 16 6 15 7 148 13 12 11 10 9

with if (j%2==0) printf("2"); else printf("1");

Reply

Reply

▼ Replies



Nimish Garg August 5, 2013 at 8:44 AM

Tweak with this http://cbasicprogram.blogspot.in/2012/05/perfect-square.html

Reply



himani prajapati August 9, 2013 at 3:12 PM

14916

Reply

▼ Replies

Nimish Garg August 9, 2013 at 4:08 PM

http://cbasicprogram.blogspot.in/2012/04/number-pattern-1.html in above program just change printf("%d",j); to printf("%d",j*j);

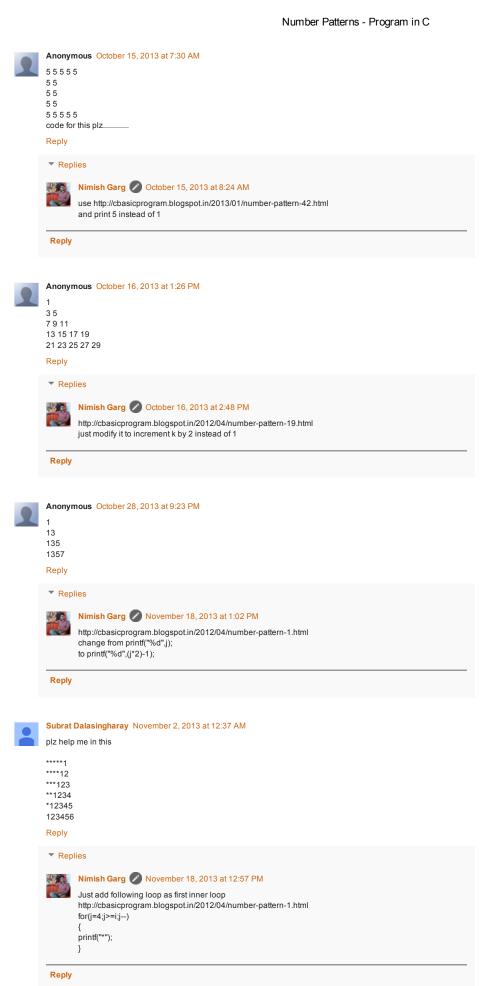
Reply

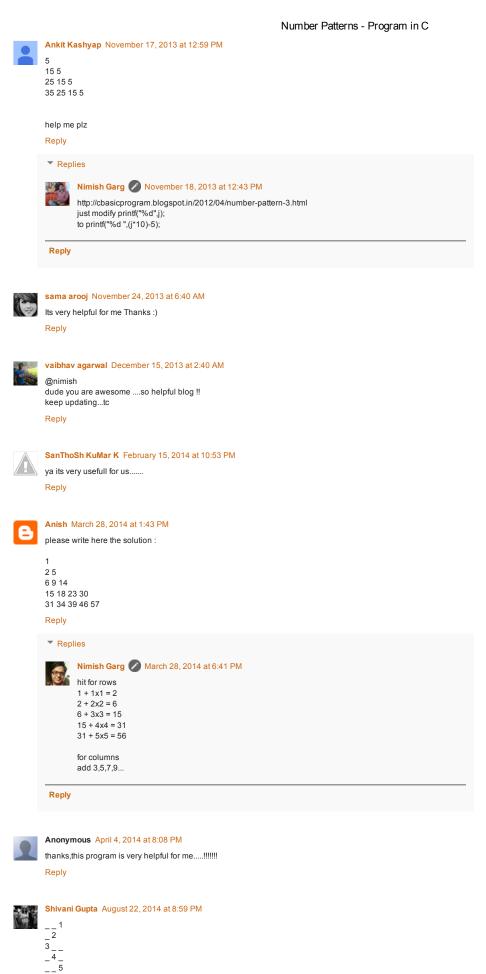


shanika choudhary September 10, 2013 at 6:23 PM

how will we print this

```
Number Patterns - Program in C
1234
14 5
13 6
127
111098
Reply
Replies
        Nimish Garg September 10, 2013 at 7:37 PM
        tweak with http://cbasicprogram.blogspot.in/2012/05/perfect-square.html
 Reply
Anonymous September 11, 2013 at 11:32 AM
123
4 5
6789
10 11 12
13 14
Help please!
Reply
▼ Replies
        Nimish Garg September 11, 2013 at 12:33 PM
        No logical pattern in your question.
 Reply
ravindra kumar September 13, 2013 at 11:17 AM
will you please help me this
232
23432
2345432
Reply
Replies
        Nimish Garg September 20, 2013 at 7:42 PM
        tweak with http://cbasicprogram.blogspot.in/2012/04/number-pattern-27.html
 Reply
Siddharth M October 6, 2013 at 9:53 PM
Thank you very much...:)
u helped me a lot..
Reply
Anonymous October 13, 2013 at 8:05 AM
55555
55555
45555
34555
23455
12345
how to make it? plzzzz teach me.... what im going to do is a rectangular, so there will be extra one lane compare to it's
base..
Reply
Replies
        Nimish Garg October 15, 2013 at 8:33 AM
        http://cbasicprogram.blogspot.in/2012/04/number-pattern-18.html
        Print extra line before the loop, or start loop with 6 and if i=6 then print i else rest of the logic
Reply
```





Sir, Could you Please reply for This Pattern. It would be very helpful sir

```
Reply
Replies
        Nimish Garg August 22, 2014 at 9:30 PM
        for(i=1;i<=5;i++)
        for(j=1;j<=3-i;j++)
        printf(" ");
       for(j=4;j<=i;j++)
printf(" ");
        printf("%d\n",i);
 Reply
Anonymous August 23, 2014 at 5:42 AM
please write here the solution :
32
456
10987
11 12 13 14
Reply
▼ Replies
        Nimish Garg August 26, 2014 at 7:40 PM
        http://cbasicprogram.blogspot.in/2013/01/number-pattern-52.html
 Reply
Rounak Singh August 27, 2014 at 12:11 AM
plss i need this to be done.. wap to generate the foll pattern:
232
34543
4567654
567898765
Reply
Replies
        Nimish Garg August 27, 2014 at 9:20 AM
        http://cbasicprogram.blogspot.in/2013/01/number-pattern-53.html
 Reply
Anonymous September 2, 2014 at 12:09 PM
plz give the coding of this in c++
1212
123123
12341234
Reply
Replies
        Nimish Garg September 2, 2014 at 1:17 PM
        simply use inner J loop 2 times of http://cbasicprogram.blogspot.in/2012/04/number-pattern-1.html
 Reply
kin98_bs September 2, 2014 at 7:49 PM
How to find the sum of following series:-
(1) + (1+2) + (1+2+3) + (1+2+3+4)...... upto n number of terms
Reply
▼ Replies
        Nimish Garg September 3, 2014 at 9:59 AM
```



http://cbasicprogram.blogspot.in/2013/01/series-program.html

Reply



kin98_bs September 4, 2014 at 7:34 PM

How to find the following sum:-

1/2 - 2/3 + 3/4 -4/5 + 5/6..... upto n number of terms

Reply





Nimish Garg September 5, 2014 at 10:06 AM

http://cbasicprogram.blogspot.in/2013/01/series-program-9.html

for Series programs please put your comments on Series Programs Page http://cbasicprogram.blogspot.in/2013/01/series-program.html

Reply



Anonymous September 21, 2014 at 10:58 AM

it is very useful for me thanks a lot!!!!!

Reply



Anonymous September 29, 2014 at 6:31 AM

```
____121___
___12321__
_ 1 2 3 4 3 2 1_
1 2 3 4 5 4 3 2 1
```

What would be the code for this pattern? (Ignore '_'. Used for indenting)

Reply





Nimish Garg September 29, 2014 at 9:46 AM

http://cbasicprogram.blogspot.in/2013/01/number-pattern-56.html

Reply



viraal October 5, 2014 at 8:53 PM

Please give code for:

Reply



▼ Replies

Nimish Garg October 8, 2014 at 3:44 PM

http://cbasicprogram.blogspot.in/2013/01/number-pattern-57.html

Reply



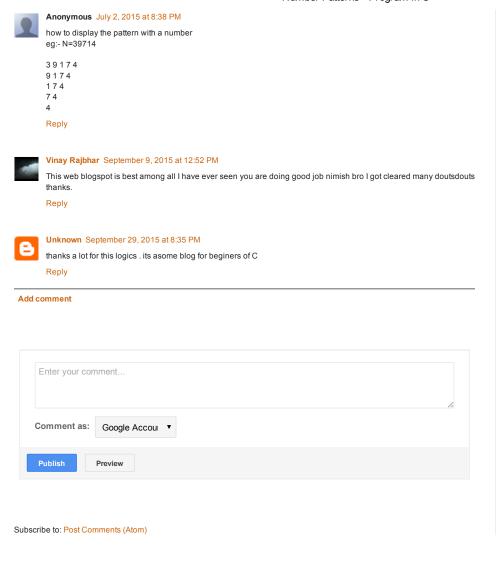
Anonymous October 8, 2014 at 10:40 PM

12345 16 6 15 7 148 13 12 11 10 9

Please tell me how to print above pattern?

Reply

```
Replies
        Nimish Garg October 10, 2014 at 9:49 AM
        http://cbasicprogram.blogspot.com/2013/01/number-pattern-58.html
 Reply
jayaramranr raman February 8, 2015 at 5:26 PM
WAP to get the sum of series 1+2 pow x+3 pow x+......+n pow x
Reply
Hirenkumar Thakvani March 4, 2015 at 7:36 AM
Sir Plz upload Linked list concepts and Programs
ssv May 24, 2015 at 2:39 PM
series of numbers entered by user the program is to check weather the the user entered in series or not
Reply
kavitra singh mourya May 29, 2015 at 5:35 PM
Very Helpful for Freshers.....
Reply
Sahil Mittal June 4, 2015 at 12:42 PM
can anyone tell me the code to print the following structure
3 5
7 9 11
Reply
shubh June 23, 2015 at 6:40 PM
1,2,3,6,9,18,27,54 how to print this series
Reply
▼ Replies
        Nimish Garg  June 23, 2015 at 6:48 PM
        http://cbasicprogram.blogspot.com/2013/01/series-program-10.html
 Reply
nitin Kesarwani July 2, 2015 at 1:37 PM
thnxxx a lot @nimish sir....its very helpful for me....keep updating sir..and give me your email id for contact ... thnkuuu
so much
Reply
Anonymous July 2, 2015 at 3:30 PM
program for:
11
121
1331
14641
Reply
▼ Replies
        Nimish Garg / July 2, 2015 at 3:42 PM
        http://cbasicprogram.blogspot.in/2013/01/pascal-triangle.html
 Reply
```



Powered by Blogger.