

```

1)print ****
      ****
      ****
      ****

package sunilkumar;

public class Pattern1
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=4;i++)
        {
            for (j=1;j<=4;j++)
            {
                System.out.print("*");
            }
            System.out.println( );
        }
    }
}

```

```

2)print ####
      ****
      ####
      ****

package sunilkumar;

public class Pattren2
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=4;i++)
        {
            for (j=1;j<=4;j++)
            {
                if(i%2!=0)
                {
                    System.out.print("#");
                }
                else
                {
                    System.out .print("*");
                }
            }
            System.out.println( );
        }
    }
}

```

```

3)print *##
      *##
      *##
      *##

package sunilkumar;

public class Pattren3
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=4;i++)
        {
            for (j=1;j<=4;j++)
            {
                if(j%2==0)
                {
                    System.out.print("#");
                }
                else
                {
                    System.out .print("*");
                }
            }
            System.out.println( );
        }
    }
}

```

```

4)print ****
      ****
      **#*
      ****

package sunilkumar;

public class Pattren4
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=4;i++)
        {
            for (j=1;j<=4;j++)
            {
                if(i==3&&j==3)
                {
                    System.out.print("#");
                }
                else
                {
                    System.out .print("*");
                }
            }
            System.out.println( );
        }
    }
}

```

```

5)print ****
      ****
      *
      ****

package sunilkumar;

public class Pattren5
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=4;i++)
        {
            for (j=1;j<=4;j++)
            {
                if(i==3&& j>=2)
                {
                    System.out.print(" ");
                }
                else
                {
                    System.out.print("*");
                }
            }
            System.out.println( );
        }
    }
}

```

```

6)print *
      *
      *

package sunilkumar;

public class Pattren6
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=3;i++)
        {
            for (j=1;j<=3;j++)
            {
                if(i==j)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println( );
        }
    }
}

```

```

7)print *****
      *      *
      *      *
      *      *
      *      *
      *****

```

```
package sunilkumar;
```

```
public class Pattren7
```

```

{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=5;i++)
        {
            for (j=1;j<=5;j++)
            {
                if(i>=2&&i<=4&&j>1&&j<5)
                {
                    System.out.print(" ");
                }
                else
                {
                    System.out .print("*");
                }
            }
            System.out.println( );
        }
    }
}

```

```

8)print *
      *
      *****
      *
      *

```

```
package sunilkumar;
```

```
public class Pattren8
```

```

{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=5;i++)
        {
            for (j=1;j<=5;j++)
            {
                if(i==3||j==3)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out .print(" ");
                }
            }
            System.out.println( );
        }
    }
}

```

```

9)print *  *
      *  *
      *
      *  *
      *  *

```

```
package sunilkumar;
```

```
public class Pattren9
```

```

{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=5;i++)
        {
            for (j=1;j<=5;j++)
            {
                if(i==j || i+j==6)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out .print(" ");
                }
            }
            System.out.println( );
        }
    }
}

```

```

10)print *
      **
      ***
      ****
      *****

```

```
package sunilkumar;
```

```
public class Pattern10
```

```

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

```

11)print *****

**

*

package sunilkumar;

public class Pattern11

{

public static void main(String[] args)

{

int i,j;

for(i=1;i<=5;i++)

{

for(j=i;j<=5;j++)

{

System.out.print("*");

}

System.out.println();

}

}

}

12)print *

**

package sunilkumar;

public class pattern12

{

public static void main(String[] args)

{

int i,j,k;

for(i=1;i<=5;i++)

{

for(j=i;j<=5;j++)

{

System.out.print(" ");

}

for(k=1;k<=i;k++)

{

System.out.print("*");

}

System.out.println();

}

}

}

```

13)print *****
      *****
        ***
          **
            *

```

```
package sunilkumar;
```

```

public class pattern13
{
    public static void main(String[] args)
    {
        int i,j,k;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                System.out.print(" ");
            }
            for(k=i;k<=5;k++)
            {
                System.out.print("*");
            }
            System.out.println( );
        }
    }
}

```

```

14)print      *
            * *
          * * *
        * * * *
      * * * * *

```

```
package sunilkumar;
```

```

public class pattern14
{
    public static void main(String[] args)
    {
        int i,j,k;
        for(i=1;i<=5;i++)
        {
            for(j=i;j<=5;j++)
            {
                System.out.print(" ");
            }
            for(k=1;k<=i;k++)
            {
                System.out.print("* ");
            }
            System.out.println( );
        }
    }
}

```

```

15)print * * * * *
        * * * *
          * * *
            * *
              *

```

```
package sunilkumar;
```

```
public class pattern15
```

```

{
    public static void main(String[] args) {
        int i,j,k;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                System.out.print(" ");
            }
            for(k=i;k<=5;k++)
            {
                System.out.print("*");
            }
            System.out.println( );
        }
    }
}

```

```

16)print      *
              ***
             *****
            *
            *****
            *****

```

```
package sunilkumar;
```

```
public class Pattern16
```

```

{
    public static void main(String[] args)
    {
        int i,j,k,star=1,space=4;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=space;j++)
            {
                System.out.print(" ");
            }
            for(k=1;k<=star;k++)
            {
                System.out.print("*");
            }
            star=star+2;
            space=space-1;
            System.out.println( );
        }
    }
}

```


17)print *****

*

package sunilkumar;

public class Pattern18

{

public static void main(String[] args)

{

int i,j,k,star=9,space=0;

for(i=1;i<=5;i++)

{

for(j=1;j<=space;j++)

{

System.out.print(" ");

}

for(k=1;k<=star;k++)

{

System.out.print("*");

}

star=star-2;

space=space+1;

System.out.println();

}

}

}

18)print

*

*

package sunilkumar;

public class Pattern18

{

public static void main(String[] args)

{

int i,j,k,star=1,space=4;

for(i=1;i<=9;i++)

{

for(j=1;j<=space;j++)

{

System.out.print(" ");

}

for(k=1;k<=star;k++)

{

System.out.print("*");

}

if(i<5)

{

star=star+2;

space=space-1;

}

else

{

star=star-2;

space=space+1;

}

System.out.println();

}

}

}

19)print *****

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

```
package sunilkumar;
public class Pattern19
{
    public static void main(String[] args)
    {
        int i,j,k,star=9,space=0;
        for(i=1;i<=9;i++)
        {
            for(j=1;j<=space;j++)
            {
                System.out.print(" ");
            }
            for(k=1;k<=star;k++)
            {
                System.out.print("*");
            }
            if(i<5)
            {
                star=star-2;
                space=space+1;
            }
            else
            {
                star=star+2;
                space=space-1;
            }
            System.out.println( );
        }
    }
}
```

20)print *

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

```
package sunilkumar;

public class Pattern20
{
    public static void main(String[] args)
    {
        int i,j,star=0;
        for(i=1;i<=7;i++)
        {
            for(j=1;j<=star;j++)
            {
                System.out.print("*");
            }
            if(i<4)
            {
                star=star+1;
            }
            else
            {
                star=star-1;
            }
            System.out.println("*");
        }
    }
}
```

```

21)print    *
           **
          ***
         ****
        ***
       **
      *

package sunilkumar;
public class Pattern21
{
    public static void main(String[] args)
    {
        int i,j,k,star=1,space=3;
        for(i=1;i<=7;i++)
        {
            for(j=1;j<=space;j++)
            {
                System.out.print(" ");
            }
            for(k=1;k<=star;k++)
            {
                System.out.print("*");
            }
            if(i<4)
            {
                star++;
                space--;
            }
            else
            {
                star--;
                space++;
            }
            System.out.println();
        }
    }
}

```

```

22)print  *#
         **##
        ***###
       ****####
      *****#####

package sunilkumar;
public class Pattern22
{
    public static void main(String[] args)
    {
        int i,j,k,l,star=1,space=4,ash=1;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=space;j++)
            {
                System.out.print(" ");
            }
            for(k=1;k<=star;k++)
            {
                System.out.print("*");
            }
            for(l=1;l<=ash;l++)
            {
                System.out.print("#");
            }
            star=star+1;
            space=space-1;
            ash=ash+1;
            System.out.println( );
        }
    }
}

```

```
23)print *****
```

```
    **  *
```

```
    * * *
```

```
*****
```

```
package sunilkumar;
```

```
public class Pattern23
```

```
{
```

```
public static void main(String[] args)
```

```
{
```

```
int i,j;
```

```
for(i=1;i<=5;i++)
```

```
{
```

```
for (j=1;j<=5;j++)
```

```
{
```

```
if(i>=2&&i<=4&&j>1&&j<5&&i!=j)
```

```
{
```

```
System.out.print(" ");
```

```
}
```

```
else
```

```
{
```

```
System.out.print("*");
```

```
}
```

```
}
```

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

```
}
```

```
}
```

```
}
```

```
24)print 1
```

```
22
```

```
333
```

```
4444
```

```
55555
```

```
package sunilkumar;
```

```
public class Pattern24
```

```
{
```

```
public static void main(String[] args)
```

```
{
```

```
int i,j;
```

```
for(i=1;i<=5;i++)
```

```
{
```

```
for(j=1;j<=i;j++)
```

```
{
```

```
System.out.print(i);
```

```
}
```

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

```
}
```

```
}
```

```
}
```

```

25)print 1
      12
     123
    1234
   12345
package sunilkumar;

public class Pattern25
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                System.out.print(j);
            }
            System.out.println( );
        }
    }
}

```

```

26)print 1
      23
     456
package sunilkumar;

public class Pattern26
{
    public static void main(String[] args)
    {
        int i,j;int c=0;
        for(i=1;i<=3;i++)
        {
            for(j=1;j<=i;j++)
            {
                c++;
                System.out.print(c);
            }
            System.out.println( );
        }
    }
}

```

```
27)print  1
         22
        333
       4444
      55555
```

```
package sunilkumar;
```

```
public class pattern27
```

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

```
28)print 11111
         2222
        333
       44
      5
```

```
package sunilkumar;
```

```
public class pattern28
```

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

```

29)print 123
      456
      789
package sunilkumar;

public class numpattern29
{
    public static void main(String[] args)
    {
        int i,j,count=0;
        for(i=1;i<=3;i++)
        {
            for(j=1;j<=3;j++)
            {
                count++;
                System.out.print(count);

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

```

```

30)print 1
      10
      101
      1010
      10101
package sunilkumar;

public class numpattern30
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                if(j%2!=0)
                {
                    System.out.print(1);
                }
                else
                {
                    System.out.print(0);
                }
            }

            System.out.println( );
        }

    }
}

```

```

31)print 1
      01
      001
      0001
      00001
package sunilkumar;

public class numpattern31
{
public static void main(String[] args)
{
    int i,j;
    for(i=1;i<=5;i++)
    {
        for(j=1;j<=i;j++)
        {
            if(i==j)
            {
                System.out.print(1);
            }
            else
            {
                System.out.print(0);
            }
        }
        System.out.println( );
    }
}
}

```

```

32)print ABC
      DEF
      GHI
package sunilkumar;

public class Alppattern32
{
    public static void main(String[] args)
    {
        int i,j;
        // char c=65;// or
        char c= 'A';
        for(i=1;i<4;i++)
        {
            for(j=1;j<4;j++)
            {
                System.out.print(c);
                c++;
            }
            System.out.println( );
        }
    }
}

```



```

33)print AAA
      BBB
      CCC
package sunilkumar;

public class Alppattern33
{
    public static void main(String[] args)
    {
        int i,j;
        // char c=65;// or
        char c= 'A';
        for(i=1;i<4;i++)
        {
            for(j=1;j<4;j++)
            {
                System.out.print(c);
            }
            c++;
            System.out.println( );
        }
    }
}

```

or

```

package sunilkumar;

public class Alppattern33
{
    public static void main(String[] args)
    {
        char i,j;
        for(i='A';i<='C';i++)
        {
            for(j='A';j<='C';j++)
            {
                System.out.print(i);
            }
            System.out.println( );
        }
    }
}

```

```

34)print ABC
      ABC
      ABC
package sunilkumar;

public class Alppattern34
{
    public static void main(String[] args)
    {
        char i,j;
        for(i='A';i<='C';i++)
        {
            for(j='A';j<='C';j++)
            {
                System.out.print(j);
            }
            System.out.println( );
        }
    }
}

```

```

35)print A
      BB
      CCC
      DDDD
      EEEEE
package sunilkumar;

public class Alppattern35
{
    public static void main(String[] args)
    {
        int i,j;
        char c= 'A';
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                System.out.print(c);
            }
            c++;
            System.out.println( );
        }
    }
}

```

```

36)print A
      BC
      DEF
      GHIJ
      KLMNO
package sunilkumar;

public class Alppattern36
{
    public static void main(String[] args)
    {
        int i,j;
        char c= 'A';
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                System.out.print(c);
                c++;
            }
            System.out.println( );
        }
    }
}

```

```

37)print
A
AB
ABC
package sunilkumar;

public class Alppattaern37
{
    public static void main(String[] args)
    {
        char i,j;
        for(i='A';i<='C';i++)
        {
            for(j='A';j<=i;j++)
            {
                System.out.print(j);
            }
            System.out.println( );
        }
    }
}

```

```

38)print  A
        B B
       C C C
      D D D D
package sunilkumar;

public class Pattern38
{
    public static void main(String[] args)
    {
        int i,j,k;
        char c= 65;
        for(i=1;i<=4;i++)
        {
            for(j=i;j<=4;j++)
            {
                System.out.print(" ");
            }
            for(k=1;k<=i;k++)
            {
                System.out.print(c+" ");
                // c++;
            }
            c++;
            System.out.println( );
        }
    }
}

```

```

39)print  1AAAA
         12BBB
        123CC
       1234D
      12345
package sunilkumar;

public class NUMAPLPATTERN39
{
    public static void main(String[] args)
    {
        int i,j;
        char ch='A';
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=5;j++)
            {
                if(i>=j)
                {
                    System.out.print(j);
                }
                else
                {
                    System.out.print(ch);
                }
            }
            System.out.println();
            ch++;
        }
    }
}

```

```

40)print *****
      A****
      BC***
      DEF**
      GHIJ*
package sunilkumar;
public class NUMAPLPATTERN40
{
    public static void main(String[] args)
    {
        int i,j;
        char ch='A';
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=5;j++)
            {
                if(i>=j)
                {
                    System.out.print(j);
                }
                else
                {
                    System.out.print(ch);
                    ch++;
                }
            }
            System.out.println();
        }
    }
}

```

```

41)print 1
      01
      101
      0101
package sunilkumar;
public class Pattern41 {
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=4;i++)
        {
            for(j=1;j<=4;j++)
            {
                if(i>=j)
                {
                    if(i%2==0&&j%2!=0 || i%2!=0&&j%2==0)
                    {
                        System.out.print(0);
                    }
                    else
                    {
                        System.out.print(1);
                    }
                }
            }
            System.out.println( );
        }
    }
}

```

```
42)print  1
        222
       33333
      4444444
package sunilkumar;

public class Pattern10
{
    public static void main(String[] args)
    {
        int i,j,k,star=1,space=4;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=space;j++)
            {
                System.out.print(" ");
            }
            for(k=1;k<=star;k++)
            {
                System.out.print(i);
            }
            star=star+2;
            space=space-1;
            System.out.println( );
        }
    }
}
```