

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

```
public class Pattern1
```

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

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

```
public class Pattern2
```

```
{
```

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

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

```
public class Pattern3
{

    public static void main(String[] args)
    {
        for(int i=1;i<=4;i++)
        {
            for(int j=1;j<=4;j++)
            {
                if(i+j<=4)
                {
```

```

                System.out.print(" ");
            }
            else
            {
                System.out.print("*");
            }
        }
        System.out.println();
    }
}

```

```

*
***
*****
*****

```

```

public class Pattern4
{

    public static void main(String[] args)
    {
        for(int i=4;i>=1;i--)
        {
            for(int j=1;j<=8-i;j++)
            {
                if(j<i)
                {
                    System.out.print(" ");

```

```

        }
        else
        {
            System.out.print("*");
        }
    }
    System.out.println();
}
}
}

```

```

1
22
333
4444

```

```

public class Pattern5
{

    public static void main(String[] args)
    {

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

```

```
        }  
    }  
}
```

```
1  
12  
123  
1234
```

```
public class Pattern6  
{  
  
    public static void main(String[] args)  
    {  
        for(int i=1;i<=4;i++)  
        {  
            for(int j=1;j<=i;j++)  
            {  
                System.out.print(j);  
            }  
            System.out.println();  
        }  
    }  
}
```

1
22
333
4444

```
public class Pattern7
{

    public static void main(String[] args)
    {

        int sum=1;
        for(int i=1;i<=4;i++)
        {

            for(int j=1;j<=4;j++)
            {

                if(j<5-i)
                {

                    System.out.print(" ");

                }
                else
                {

                    System.out.print(i);

                }

            }
            System.out.println();

        }

    }

}
```

a
bb
ccc
dddd

```
public class Pattern8
{

    public static void main(String[] args)
    {
        char ch='a';
        for(int i=1;i<=4;i++)
        {
            for(int j=1;j<=i;j++)
            {
                System.out.print(ch);
            }
            ch=(char) (ch+1);
            System.out.println();
        }
    }
}
```

aaaa

bbb

cc

d

```
public class Pattern9
```

```
{
```

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

```
    {
```

```
        char ch='a';
```

```
        for(int i=4;i>=0;i--)
```

```
        {
```

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

```
            {
```

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

```
            }
```

```
            ch=(char) (ch+1);
```

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

```
        }
```

```
    }
```

```
}
```

abcd

abc

ab

a

```
public class Pattern10
```

```
{
```

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

```
    {
```

```
        char ch='a';
```

```
        for(int i=4;i>=0;i--)
```

```
        {
```

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

```
            {
```

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

```
                ch=(char)(ch+1);
```

```
            }
```

```
            ch='a';
```

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

```
        }
```

```
    }
```

```
}
```

1

23

456

78910

```
public class Pattern11
{

    public static void main(String[] args)
    {
        int sum=1;
        for(int i=1;i<=4;i++)
        {
            for(int j=1;j<=i;j++)
            {
                System.out.print(sum);
                sum=sum+1;
            }
            System.out.println();
        }
    }
}
```