

```

package pattern1;

public class pattern {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        int n=1;
        for(int i=1; i<=5; i++)
        {
            for(int j=1; j<=i; j++)
            {
                System.out.print(n);
                n++;
            }
            System.out.println();
        }
    }
}

```

Output

```

1
23
456
78910
1112131415

```

```

package pattern2;

public class pptrn {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        for(int i=1; i<=8; i++)
        {
            for(int j=1; j<=i; j++)
            {
                System.out.print("*");

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

```

Output

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

```
package pattern2;
```

```
public class pttrn3 {
```

```
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        for(int i=1; i<=5; i++)
        {
            for(int j=1; j<=i; j++)
            {
                System.out.print(i);
            }
            System.out.println();
        }
    }
```

```
}
```

Ouput

```
1
22
333
4444
55555
```

```
package pattern2;
```

```
public class pttrn4 {
```

```
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        int B=65;
        for(int i=1; i<=5; i++)
```

```

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

```

Output

```

A
BB
CCC
DDDD
EEEE

```

```
package pattern2;
```

```

public class pttrn6 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        for(int i=8; i>=1; i--)
        {
            for(int j=1; j<=i; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }

    }

}

```

Output

```

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

```

```

package pattern2;

public class pttrn7 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        for(int i=1; i<=8; i++)
        {
            for(int j=7; j>=i; j--)
            {
                System.out.print(" ");
            }
            for(int k=1; k<=i; k++)
            {
                System.out.print("*");
            }

            System.out.println();
        }

    }

}

```

Output

```

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

```

```

package pattern2;

public class pttrn8 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        for(int j = i; j < 8; j++) {

            for(int i = 8-j ; i > 1; i--) {

```

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

```
}
```

```
}
```