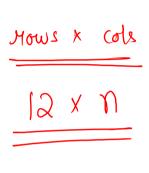
Pattern 1 - Print Stars in same line

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();

    for (int i = 0; i < n; i++) {
        System.out.print("*");
    }
}</pre>
```

Pattern 2 - Print n x 12 star rectangle



use nested loops,

Mote:- outer Joop will be for no. of your and inner Joop will be for no. of cols.

Sysoln();

Mote:- 'i' will always represent convent row

(j') will always represent convent coloumn



	j=0	j=1	j= &	j= 3	j= 4
· = 0	4	N.	*	*	*>
i= 1	*	夬	*	*	*
)= a	*	*	*	*	*
i = 3	*	水	*	×	*
i = 4	*	*	*	*	*

5 * 5



```
public static void main(String[] args) {
      Scanner scn = new Scanner(System.in);
      int n = scn.nextInt();
                                                                   i = 0, j = 0
   for (int i = 0; i < 12; i++) {
    for (int j = 0; j < n; j++) {
        System.out.print("*");
    }</pre>
                                                                   i = 0, j = 1
                                                                   i = 0, j = 2
        System.out.println();
                                                                   \ddot{(}=\downarrow, \ddot{j}=0
```

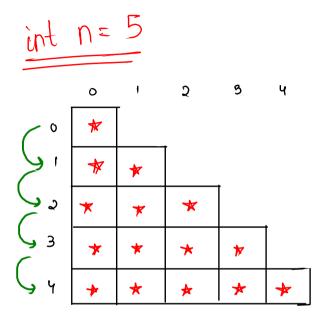
Inner loop: - how each now should be printed

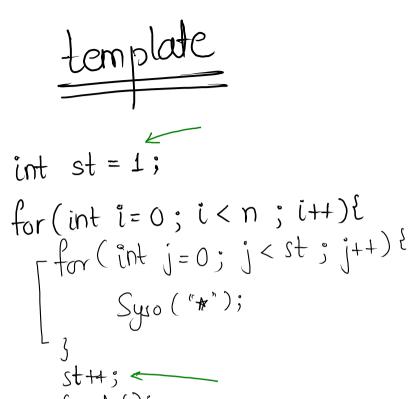
Outer loop:- how many nows should be there.

Pattern 3 - nxn star rectangle

```
no. of yours = n // outer loop
no. of cols = n // inner loop
public static void main(String[] args) {
      Scanner scn = new Scanner(System.in);
      int n = scn.nextInt();
  for (int i = 0; i < n; i++) {
    for (int j = 0; j < n; j++) {
        System.out.print("*");
    }
    System.out.println();
}</pre>
```

GKSTR19 Pattern_4





```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int st = 1;
    for (int i = 0; i < n; i++) {
        for (int j = 0; j < st; j++) {
            System.out.print("* ");
        st++;
        System.out.println();
```

GKSTR20 Pattern_5

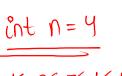
```
template
 int st = 1; y int sp = n-1;
-for (int i=0; i<n; i+4){
   -for(int j=0; j<sp; j++){
Syso("");
     St++; 7
Sp--; ~
(()nlosyl
```



public static void main(String[] args) { Scanner scn = new Scanner(System.in); int n = scn.nextInt();

```
int sp = n − 1;
  for (int i = 0; i < n; i++) {
      for (int j = 0; j < sp; j++) {
          System.out.print(" ");
      for (int j = 0; j < st; j++) {
          System.out.print("*");
```

int st = 1; st++; sp--; System.out.println();



st=X 2 3 4 5 sp=3/2/X Ø-1

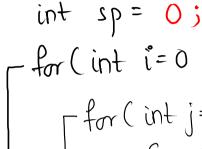
j=4, (4<4) /

j=0~ j= 2

```
template
int st = n;
int sp = 0;
for (int i=0; i<n; i+1){
  For(int j=0; j<sp; j++){
    Syso("");</pre>
   jesoln();
```







template

int st = n;

(()nkoeyl

