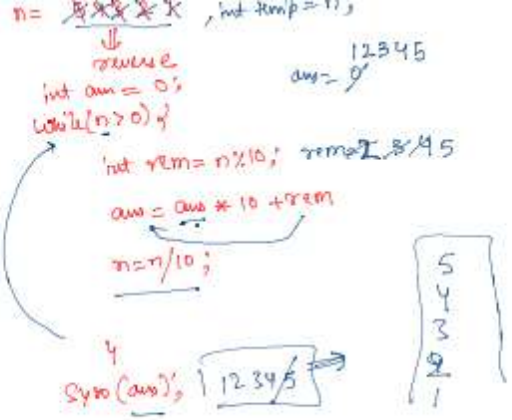
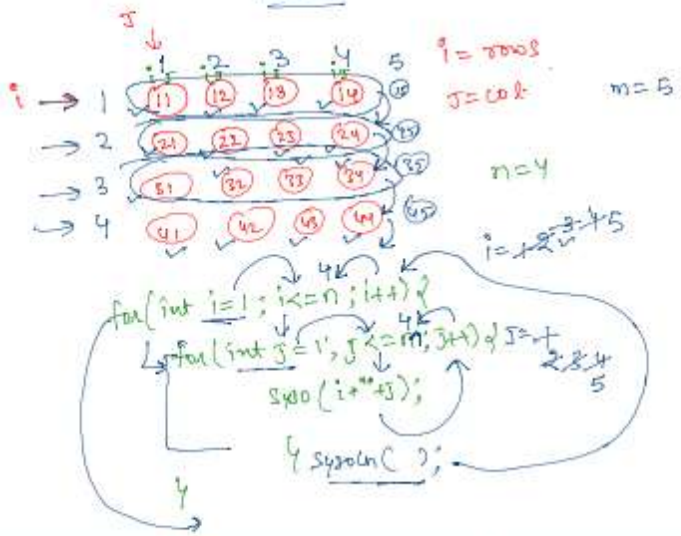
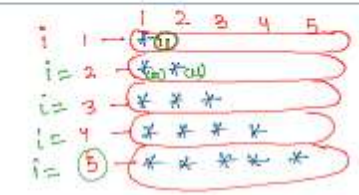


Patterns



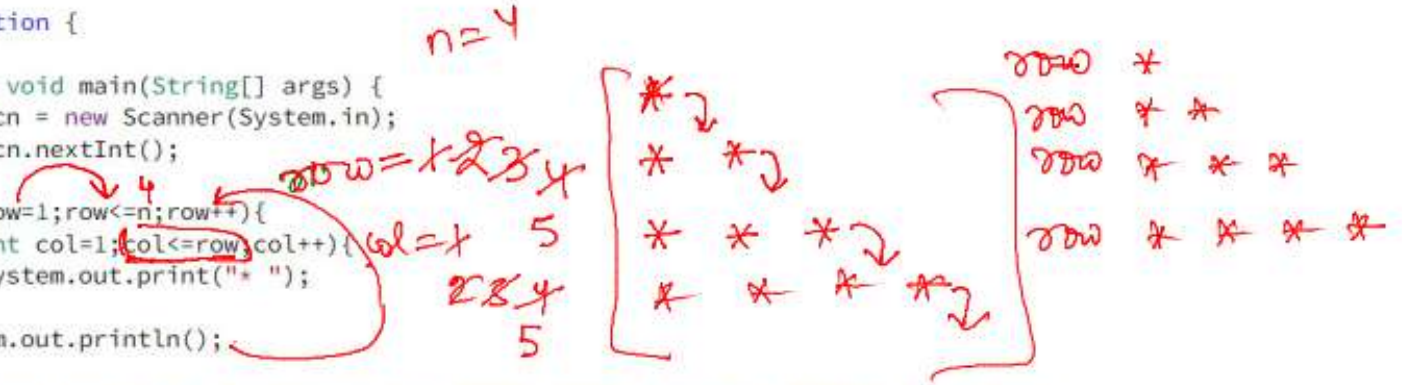
Que



i = 1 , j = 1
i = 2 , j = 2
i = 3 , j = 3
i = 4 , j = 4
i = 5 , j = 5

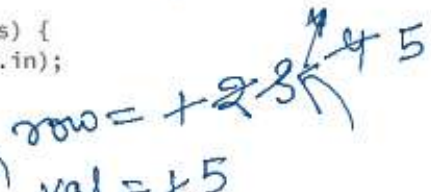
```
for (int row = 1 ; row <= n ; row++){
    for (int col=1 ; col<=row; col++){
        Sysо("*");
    }
    Sysо( );
}
```

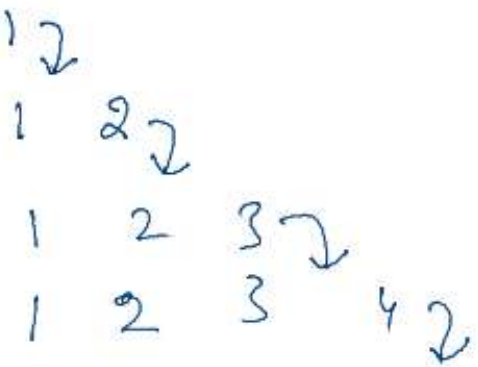
```java
public class Solution {

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

        for(int row=1;row<=n;row++){
            for(int col=1;col<=row;col++){
                System.out.print("* ");
            }
            System.out.println();
        }
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class
    }
```

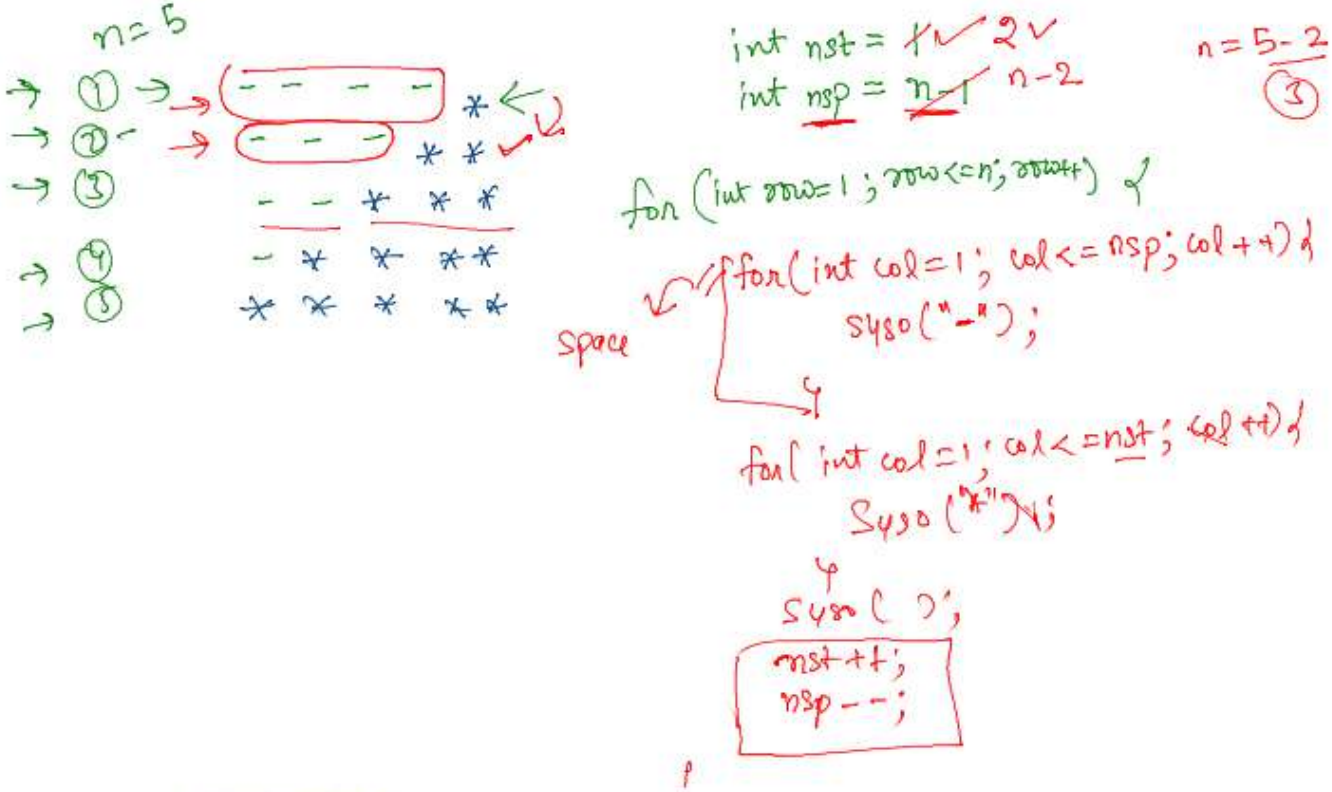


col<=row

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

    for(int row=1;row<=n;row++){
        int val=1;
        for(int col=1;col<=row;col++){
            System.out.print(val+" ");
            val++;
        }
        System.out.println();
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your clas
}
```

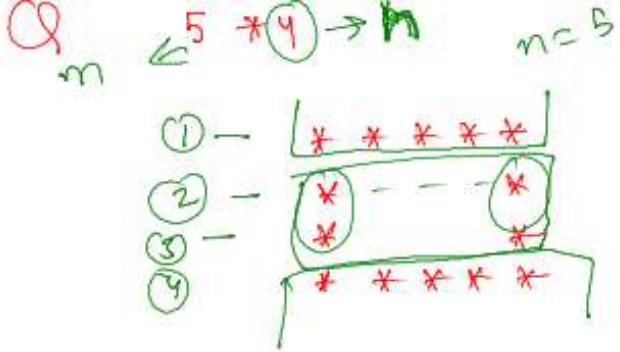






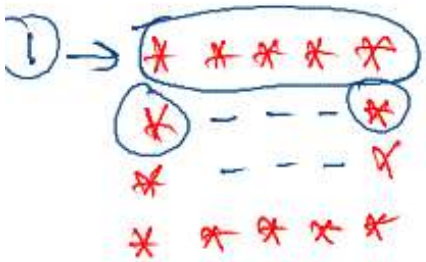

```
public class Solution {

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

        int nst = 1;
        int nsp = n-1;

        for(int row =1;row<=n;row++){
            for(int col =1;col<=nsp;col++){
                System.out.print(" ");
            }
            for(int col =1;col<=nst;col++){
                System.out.print("*");
            }
            nst++;
            nsp--;
            System.out.println();
        }
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class sh
    }
}
```

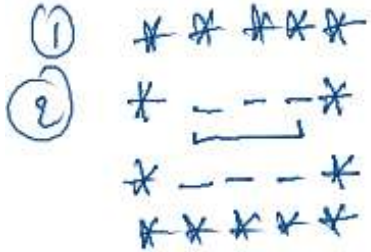
```
   public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();

        for(int row=1;row<=n;row++){
            int val=1;
            for(int col=1;col<=row;col++){
                System.out.print(val*5+" ");
                val++;
            }
            System.out.println();
        }
        /* Enter your code here. Read input from STDIN. Print output to STDOUT.
    }
```



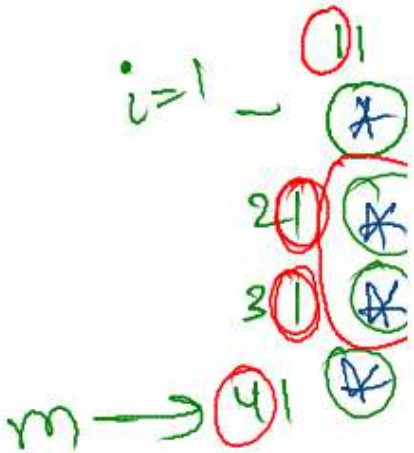
```
for(i=n) {
    if(i==1 || i==n) {
        for( ) { syso(*); }
    } else {
        syso(*);
        for(n-2) { syso(" "); }
        syso(*);
    }
}
```

m=5 nsp=3 (m-2)

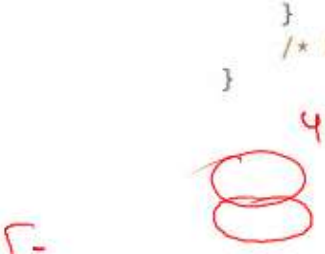




```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int m = scn.nextInt();5
    int n = scn.nextInt();4
    int nsp = m-2;
    for(int row = 1;row<=n;row++){
        if(row==1 || row== n){
            for(int col = 1;col<=m;col++){
                System.out.print("*");
            }
        }else{
            System.out.print("*");
            // System.out.println(nsp);
            for(int col=1;col<=nsp;col++){
                System.out.print(" ");
            }
            System.out.print("*");
        }
        System.out.println();
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your c
}
```



```java
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    // int m = scn.nextInt();
    int n = scn.nextInt();
    // int nsp = m-2;
    for(int row = 1;row<=n;row++){
        for(int col=1;col<=n;col++){
            if( row==n || col==1 || col==n){
                System.out.print("*");
            }else{
                System.out.print(" ");
            }
        }
        System.out.println();
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT.
}
```



```java
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int m = scn.nextInt();
    int n = scn.nextInt();
    int nsp = m-2;
    for(int row = 1;row<=n;row++){
        for(int col=1;col<=m;col++){
            if( row==n || col==1 || col==m){
                System.out.print("*");
            }else{
                System.out.print(" ");
            }
        }
        System.out.println();
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class s
}
```