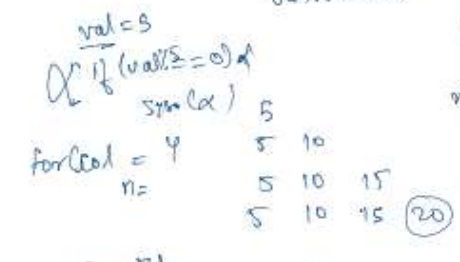
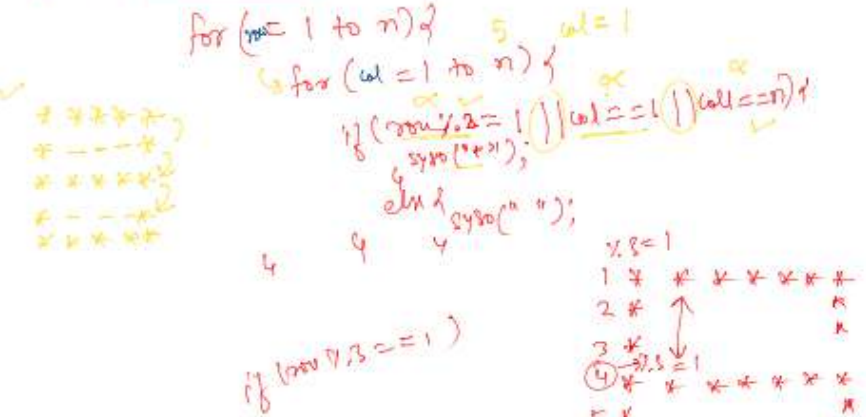
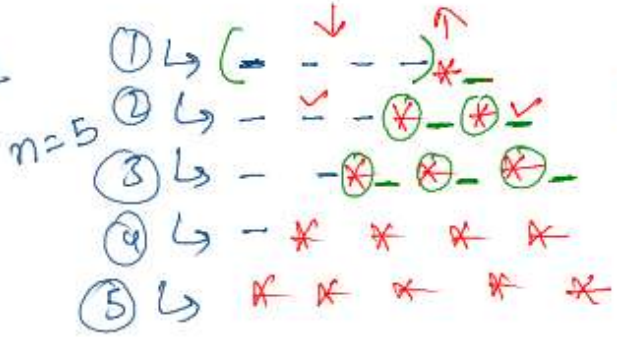
Pattern-2





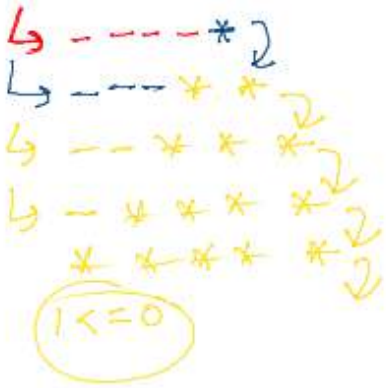
```
public static void main(String[] args) {

    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();

    for(int row=1;row<=n;row++){
        for(int col=1;col<=n;col++){
            if(row%2==1 || col==1 || col==n){
                System.out.print("*\t");
            }else{
                System.out.print("\t");
            }
        }
        System.out.println();
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT
}
```

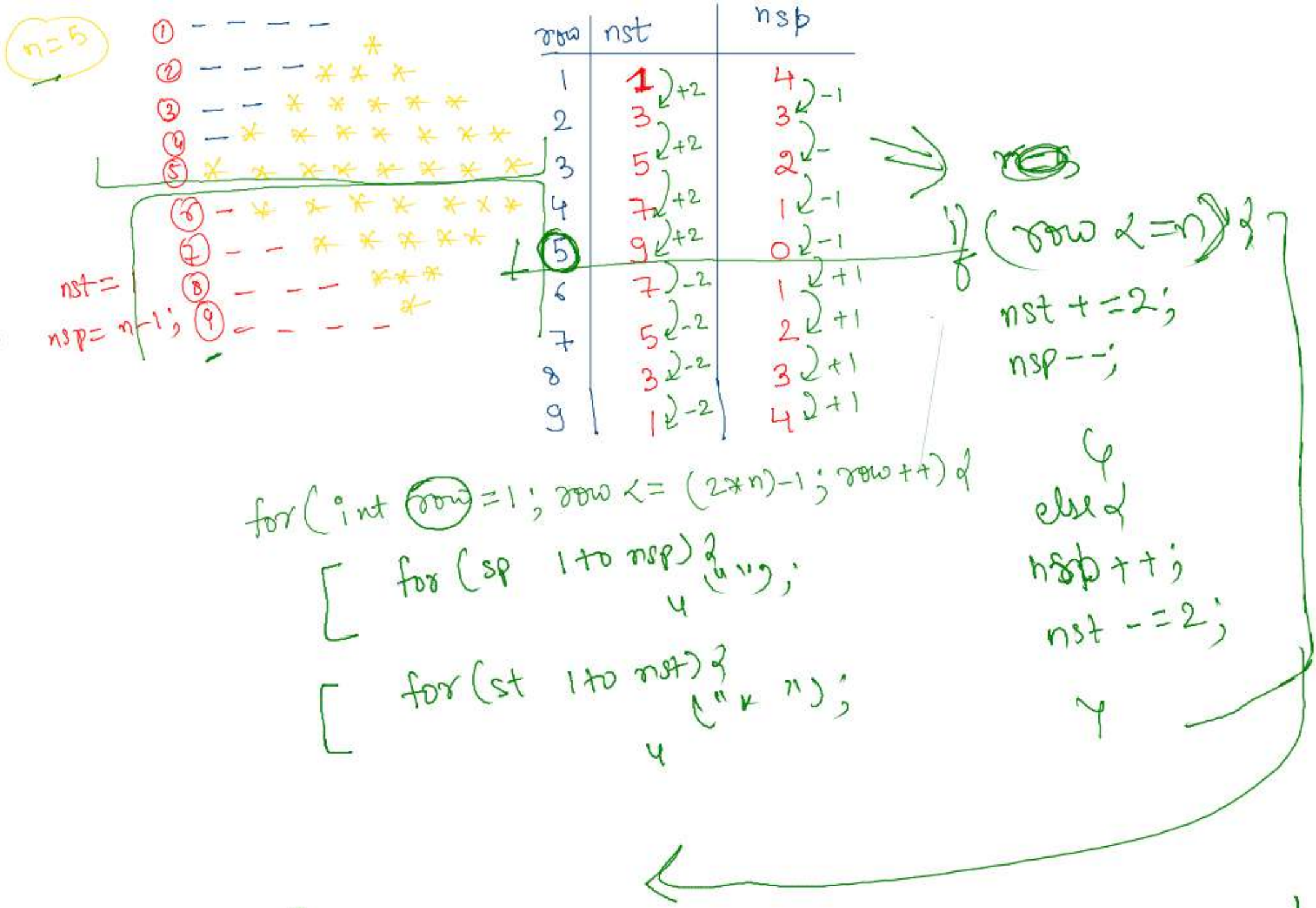
Qus



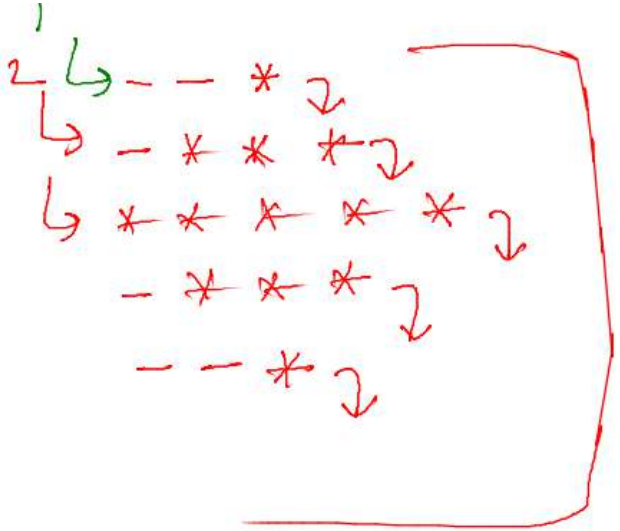

```
for(row 1 to n){
    for(sp 1 to nsp){
        (" ");
    }
    for(st 1 to nst){
        ("*");
    }
    nsp--;
    nst++;
    sym();
}
```

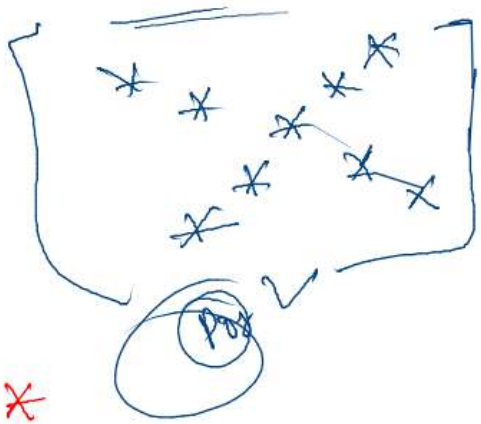
```java
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);

    int n = scn.nextInt();

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

    for(int row =1;row<=n;row++){
        for(int sp=1;sp<=nsp;sp++){
            System.out.print(" ");
        }
        for(int st=1;st<=nst;st++){
            System.out.print("* ");
        }

        nst++;
        nsp--;
        System.out.println();

    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should b
}
```

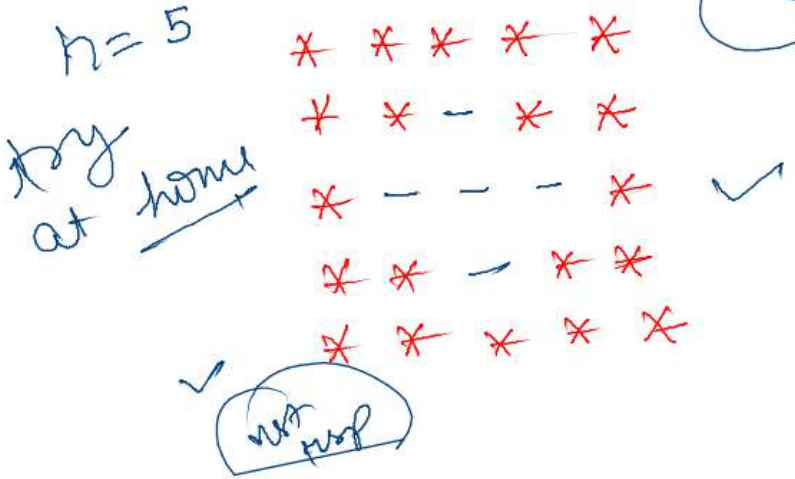



n=5
nst=
nsp= n-1;
row | nst | nsp
1 | 1 +2 | 4 -1
2 | 3 +2 | 3 -1
3 | 5 +2 | 2 -1
4 | 7 +2 | 1 -1
5 | 9 +2 | 0 -1
6 | 7 -2 | 1 +1
7 | 5 -2 | 2 +1
8 | 3 -2 | 3 +1
9 | 1 -2 | 4 +1
if (row <= n) {
nst += 2;
nsp--;
}
else {
nsp++;
nst -= 2;
}
for (int row = 1; row <= (2*n)-1; row++) {
for (sp 1 to nsp) {
(" ");
}
for (st 1 to nst) {
("* ");
}
}

```java
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<=(2*n)-1;row++){
        for(int sp = 1;sp<=nsp;sp++){
            System.out.print(" ");
        }
        for(int st = 1;st<=nst;st++){
            System.out.print("*");
        }
        System.out.println();
        if(row<n){//upper part
            nst +=2;
            nsp--;
        }else{//lower part
            nst -=2;
            nsp++;
        }
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT. You
}
```







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

    int nsp=0;
    int nst=n;

    for(int row =1;row<=(n/2)+1;row++){
        for(int sp = 1;sp<=nsp;sp++){
            System.out.print("\t");
        }

        for(int st =1;st<=nst;st++){
            System.out.print("*\t");
        }
        System.out.println();
        nst -=2;
        nsp++;
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should b
}
```