for(int i = 1; i <= n;i++){

sysoln();

Syso(j + " ");

for(int  $j = n; j >= i; j--){$ 

Space = 4 " m = 7 0 row - 0 tab spece = "\t"; 10m - 1 Inverted transle 2 how -2 Spares 3 row - 3

Stars Spares n (i)  $\frac{\text{Stars}}{\text{R} \cdot \text{loop}} = \frac{7}{1}$   $\frac{2}{1} \cdot \frac{1}{100} = \frac{7}{100}$   $\frac{2}{100} = \frac{7}{100}$   $\frac{2}{100} = \frac{7}{100}$   $\frac{2}{100} = \frac{7}{100}$   $\frac{7}{100} = \frac{7}{100}$   $\frac{7}{100} = \frac{7}{100}$   $\frac{7}{100} = \frac{7}{100}$   $\frac{7}{100} = \frac{7}{100}$ 

## Hw\_Print Inverted triangle

```
M = 5
A \qquad A \qquad A \qquad A
U = 2 < 1
```

```
Scanner s = new Scanner(System.in);
       int m = s.nextInt();
for(int i = 0; i< m;i++){
                                System.out.print("*" + "\t");
       System.out.println();
-for(int i = 1; i < m; i++){ — outer
                               // spaces
                       for(int j = 0; j < i; j++){ - www \
                                                        System.out.print("\t"); // tab spaces
                                // stars with tab spaces
                         for(int k = 0; k < m - 2 * i; k++){ - in the second of the second
                                                        System.out.print("*" + "\t");
                                System.out.println();
```

$$i = 1 < 57$$
 $j = 0 < 27$ 
 $j = 0 < 27$ 
 $j = 0 < 27$ 
 $j = 0 < 37$ 
 $j = 0 < 37$ 

n=3

Dunson Pattern

```
int m;
int lines = m/2 + 1;
// upper half including the middle line
for(int i = 0; i < lines; i++){
    for(int j = 0; j < i; j++){
        syso("\t");
   }
    for(int j = 0; j < m-2*i; j++){}
        syso("*" + "\t");
        if(j < m-2*i - 1){
            syso("\t";)
    sysoln();
// bottom half
for(int i = lines -2; i >= 0; i --){
    for(int j = 0; j < i; j++){
        syso("\t");
    for(int j = 0; j < m-2*i;j++){
        syso("*" + "\t");
        if(j < m-2*i - 1){
            syso("\t";)
    sysoln();
}
```