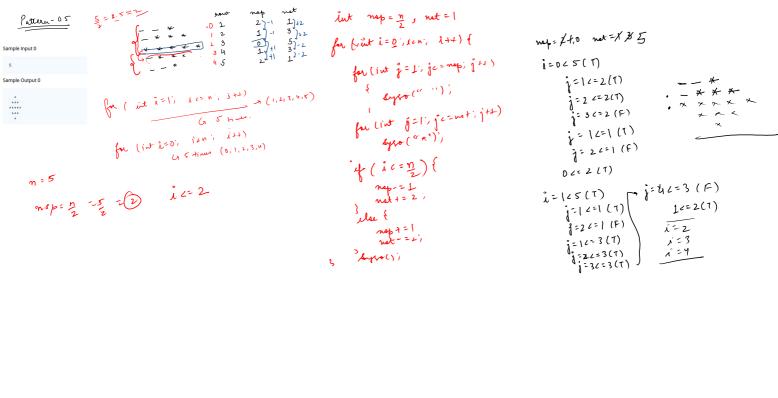
Practice Session on

Patterns (loops)



```
import java.io.*;
import java.util.*;
                                                        7 5-6 min
public class Solution {
    public static void main(String[] args) {
        /* Enter your code here. Read input from STDIN. P
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();
        int nsp = n/2, nst = 1;
        for(int i=0;i<n;i++){
            for(int j=1;j<=nsp;j++){
                System.out.print(" ");
            for(int j=1;j<=nst;j++){</pre>
                System.out.print("*");
            }
            if(i < n/2){
                nsp-=1;
                nst+=2;
            }else{
                nsp+=1;
                nst-=2;
            System.out.println();
```

Pattern-06 5 min

ruse

nep=1, $net1 = \frac{m}{2} + 1$, $net2 = \frac{n}{2} + 1$ for(inti=0) icn:, i++)

```
Pattran-07
Swin
```

```
public class Solution {
   public static void main(String[] args) {
       /* Enter your code here. Read input from STDIN. Print output to STDOUT.
       Scanner scn = new Scanner(System.in);
       int n = scn.nextInt();
       int nst1 = n/2+1, nst2 = n/2+1, nsp =1;
       for(int i=0;i<n;i++){
           for(int j=1;j<=nst1;j++){
               System.out.print("*");
           for(int j=1;j<=nsp;j++){
               System.out.print(" ");
           for(int j=1;j<=nst2;j++){
               System.out.print("*");
                                                            - 5 min
           if(i<n/2){
               nst1-=1;
               nst2-=1;
               nsp+=2;
           else{
               nst1+=1;
               nst2+=1;
               nsp-=2;
           System.out.println();
```

Sample Input 0

5 Sample Output 0 for (int i = [', ic=n', i++) = 2000

for (int j = (', jc=n', jf+) = coll

"if (i = = j)

bystem. out. period ("+")

else

dystem. out. period (""");

\[
\text{Vys}(1')
\]

```
import java.io.*;
import java.util.*;
public class Solution {
    public static void main(String[] args) {
        /* Enter your code here. Read input from STDIN. Print output to
       Scanner scn = new Scanner(System.in);
       int n = scn.nextInt();
        for(int i=1;i<=n;i++){
            for(int j=1;j<=n;j++){
               if(i==j){
                    System.out.print("*");
                }else{
                    System.out.print(" ");
            System.out.println();
```

Sample Input 0

for [inti=1],
$$j = n$$
, $j + t$)

$$\begin{cases}
\text{for lint } j = 1, j = 1, j + t \\
\text{for lint } j = 1, j = 1, j + t
\end{cases}$$

Sample Output 0

$$\begin{cases}
\text{for lint } j = 1, j = 1, j + t
\end{cases}$$

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\end{cases}$$

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\text{for lint } j = 1, j = 1, j = 1, j + t
\end{cases}$$

$$\begin{cases}
\text{for lint } j = 1, j = 1, j = 1, j + t
\end{cases}$$

$$\begin{cases}
\text{for lint } j = 1, j = 1, j = 1, j + t
\end{cases}$$

$$\begin{cases}
\text{for lint } j = 1, j = 1,$$

11

13 14 15

ind Count=17

Sample Input 0

5

Sample Output 0

入入人

a=0 6 = 1

phonesci seeis





















System.out.println();