public class Main{

public static void main(String[] args){

int n=4;

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

System.out.println("\*".repeat(i)+" ".repeat(2\*(n-i))+"\*".repeat(i));

}

for(int i=3;i>=1;i--){

System.out.println("\*".repeat(i)+" ".repeat(2\*(n-i))+"\*".repeat(i));

}

}

}

Output:

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Pattern program:

public class pattern {

public static void main(String[] args){

int n=8;

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

if(i<=3){

System.out.print(" ");

for (int j=1;j<=i;j++)

System.out.print("\* ");

System.out.println("");

}

else if(i==4)

{

System.out.println(" \* \* \*");

}

else if(i==5)

{

System.out.println(" \* \* \*");

}

else {

System.out.print(" ");

for (int j=1;j<=(n-i+1);j++)

{

System.out.print("\* ");

}

System.out.println("");

}

}

}

}

Output:

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