1. Write a program to print INEURON using pattern programming logic.

public class HelloWorld

{

public static void main(String args[])

{

int i, j;

for(i=1;i<=7;i++)

{if(i==1||i==7)

for(j=1;j<=7;j++)

{

if (j != 7)

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

else

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

}

else

{

for(j=1;j<=6;j++)

System.out.print(" ");

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

}

System.out.print(" ");

if(i==1||i==7)

{

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

for (j = 1; j <= 11; j++)

System.out.print(" ");

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

}

else

{

for (j = 1; j <= 6; j++)

System.out.print(" ");

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

for (j = 1; j <= 2 \* (i - 1) - 1; j++)

System.out.print(" ");

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

for(j=11-2\*(i-1);j>=1;j--)

System.out.print(" ");

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

}

System.out.print(" ");

if(i==1||i==4||i==7)

for(j=1;j<=7;j++)

if(j!=7)

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

else

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

else

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

System.out.print(" ");

if(i!=7) {

if (i == 1 || i == 4)

{

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

for (j = 1; j <= 11; j++) {

System.out.print(" ");

}

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

}

else{

for (j = 1; j <= 12; j++)

System.out.print(" ");

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

for (j = 1; j <= 11; j++) {

System.out.print(" ");

}

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

}

}

else

{

for(j=1;j<=7;j++)

if(j!=7)

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

else

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

}

System.out.print(" ");

if(i==1||i==4)

for(j=1;j<=4;j++)

if(j!=4)

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

else

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

else if(i==2||i==3)

{

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

for (j = 1; j <= 7; j++)

System.out.print(" ");

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

}

else

{

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

for(j=1;j<=2\*i-9;j++)

System.out.print(" ");

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

for(j=2\*i-7;j<=8;j++)

System.out.print(" ");

}

System.out.print(" ");

if(i==1||i==7)

for(j=1;j<=7;j++)

if(j!=7)

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

else

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

else

{

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

for(j=1;j<=11;j++)

System.out.print(" ");

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

}

System.out.print(" ");

if(i==1||i==7)

{

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

for (j = 1; j <= 11; j++)

System.out.print(" ");

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

}

else

{

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

for (j = 1; j <= 2 \* (i - 1) - 1; j++)

System.out.print(" ");

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

for(j=11-2\*(i-1);j>=1;j--)

System.out.print(" ");

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

}

System.out.println();

}

}

}

1. WAP to print following –

1 1 1 1

2 2 2 2

3 3 3 3

4 4 4 4

public class HelloWorld{

public static void main(String []args){

for(int i = 1; i<5; i++){

for(int j = 1; j<5; j++){

System.out.print(i+ " ");

}

System.out.println();

}

}

}

1. WAP to print –



public class HelloWorld{

public static void main(String []args){

int n=14;

for(int i=0;i<n;i++)

{

for(int j=0;j<n;j++)

{

if(i==0 || j==0 || i==(n-1) || j==(n-1) || (i+j)<=(n-1)/2 || (j-i)>=(n-1)/2)

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

else

System.out.print(" ");

}

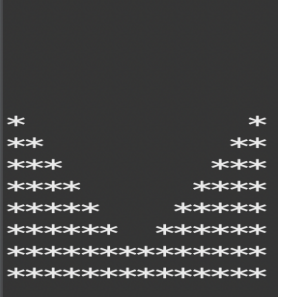
System.out.println();

}

}

}

1. WAP to print



public class HelloWorld{

public static void main(String []args){

int n=14;

for(int i=0;i<n;i++)

{

for(int j=0;j<n;j++)

{

if(j==0 && i>=(n-1)/2 || i==(n-1) || j==(n-1) && i>=(n-1)/2 || i-j>=(n-1)/2 || i+j>=(n-1)+(n-1)/2)

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

else

System.out.print(" ");

}

System.out.println();

}

System.out.println();

}

}

1. WAP to print



public class HelloWorld{

public static void main(String []args){

int n=14;

for(int i=0;i<n;i++)

{

for(int j=0;j<n;j++)

{

if(j==0 || i==0 || i==(n-1) || (i+j)<=(n-1)/2 || i-j>=(n-1)/2)

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

else

System.out.print(" ");

}

System.out.println("");

}

}

}