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

**public** **class** iNeuron

{

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

**int** n=4;

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

{

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

{

**if**(i==0||i==3||j==1)

{

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

}

**else**

{

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

}

}

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

{

**if**(i==j||j==0||j==3)

{

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

}

**else**

{

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

}

}

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

{

**if**(i==0||i==3||j==0||i==2)

{

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

}

**else**

{

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

}

}

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

{

**if**(i==3||j==0||j==3)

{

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

}

**else**

{

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

}

}

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

{

**if**((i==0||i==3)&&(j!=0||j!=3)|| (j==0||j==3) &&(i!=0||i!=3)) {

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

}

**else**

{

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

}

}

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

{

**if**((i==0||i==3||j==0||j==3))

{

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

}

**else**

{

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

}

}

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

{

**if**(i==j||j==0||j==3)

{

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

}

**else**

{

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

}

}

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

}

}

}

2.Write a program to print

1 1 1 1

2 2 2 2

3 3 3 3

4 4 4 4

public class Main {

public static void main(String[] args) {

// (Ass 2)

int n=4;

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

{

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

{

System.out.print(i);

}

System.out.println("");

}

}

3. WAP to print

public class Main {

public static void main(String[] args) {

// (Ass- 3)

int n=10;

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

{

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

{

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

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

}

else

{

System.out.print(" ");

}

}

System.out.println();

}

}

}

4.WAP Print

public class Main {

public static void main(String[] args) {

// (Ass- 4 pending)

int n=10;

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

{

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

{

if(i-j>=(n-1)/2 ) {

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

}

else

{

System.out.print(" ");

}

}

System.out.println();

}

}

}

5.Wap print

public class Main {

public static void main(String[] args) {

// (ass 5)

int n=10;

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

{

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

{

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

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

}

else

{

System.out.print(" ");

}

}

System.out.println();

}

}

}