**Assignment No 1**

**Q1. Write a program(WAP) to print INEURON using pattern programming logic.**

**Answer:**   
  
public class Assignment1 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

System.out.println("Assignment No 1 ");

System.out.println(" ");

int n = 7;

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

// I Word

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

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

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

// N Word

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

if (j == 0 && i < n || i == j && j == i || i < n && j == n - 1) {

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

// E Word

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

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

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

// U word

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

if (j == 0 && i < n || i < n && j == n - 1 || i == n - 1 && j < n) {

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

// R Word

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

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

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

// O Word

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

if (j == 0 && i < n || i < n && j == n - 1 || i == n - 1 && j < n || i == 0 && j < n) {

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

// N Word

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

if (j == 0 && i < n || i == j && j == i || i < n && j == n - 1) {

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

} else {

System.out.print(" ");

}

}

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 A1Question2 {

public static void main(String[] args) {

System.out.println(" Assignment No 1 >> Q-No 2");

int n = 4;

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

// I Word

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

System.out.print(i);

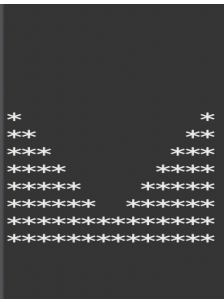
}

System.out.println();

}

}

}

Q3. 

public class AssignmentQ3 {

public static void main(String[] args) {

System.out.println("Assignment No 1 >> Q-No 3 ");

int n = 14;

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

// I Word

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(" ");

}

}

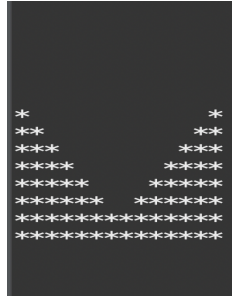
System.out.print(" ");

System.out.println();

}

}

}

Q4

public class AssignmentQ4 {

public static void main(String[] args) {

System.out.println("Assignment No 1 >> Q-No 4 ");

int n =11;

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

// I Word

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

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

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

System.out.println();

}

}

}

Q5A picture containing text

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public class AssignmentQ5 {

public static void main(String[] args) {

System.out.println("Assignment No 1 >> Q-No 4 ");

int n = 11;

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

// I Word

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

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

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

} else {

System.out.print(" ");

}

}

System.out.print(" ");

System.out.println();

}

}

}