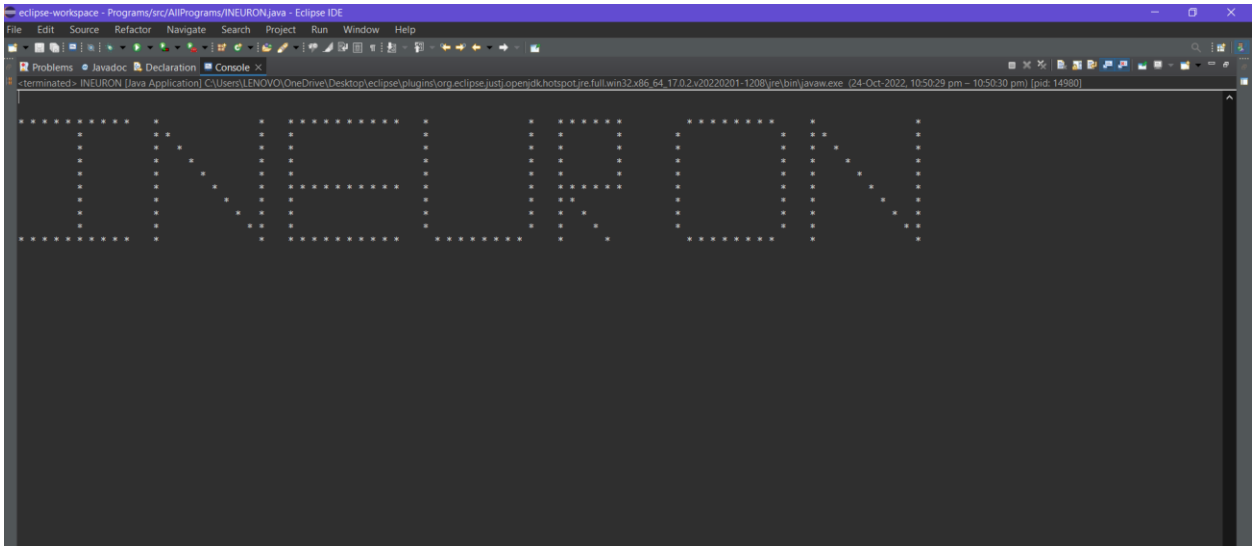
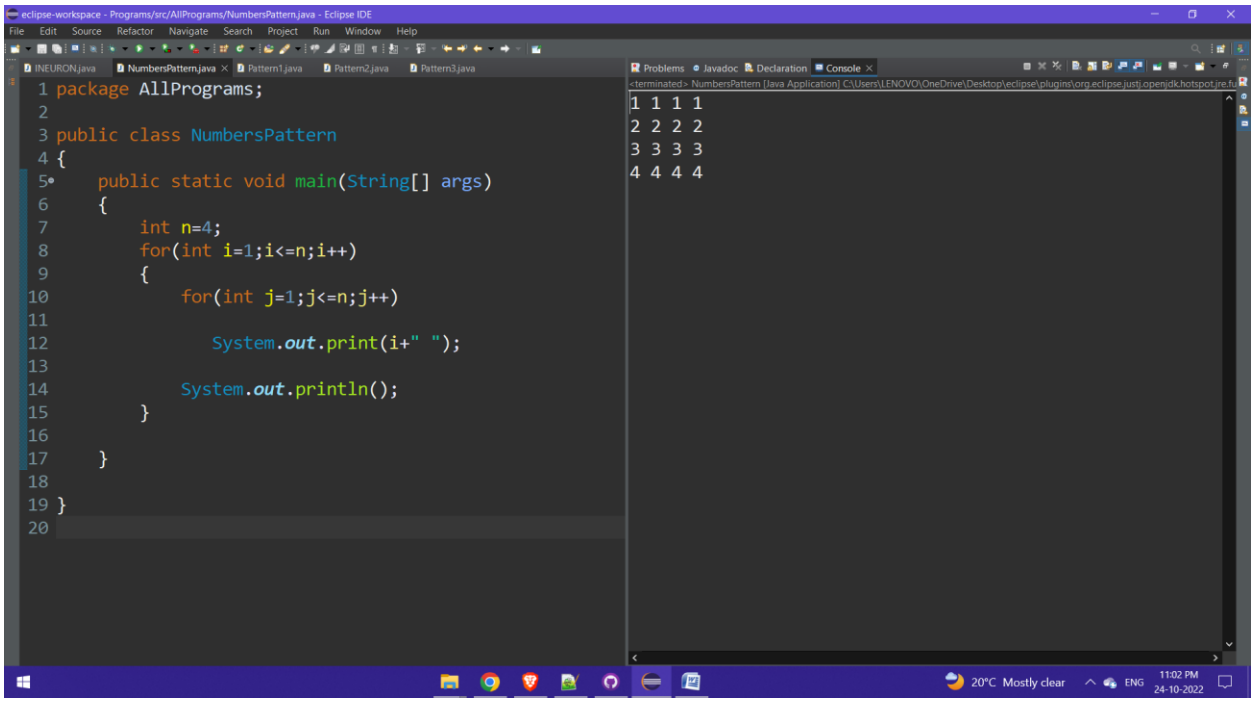
ASSIGNMENT - 1

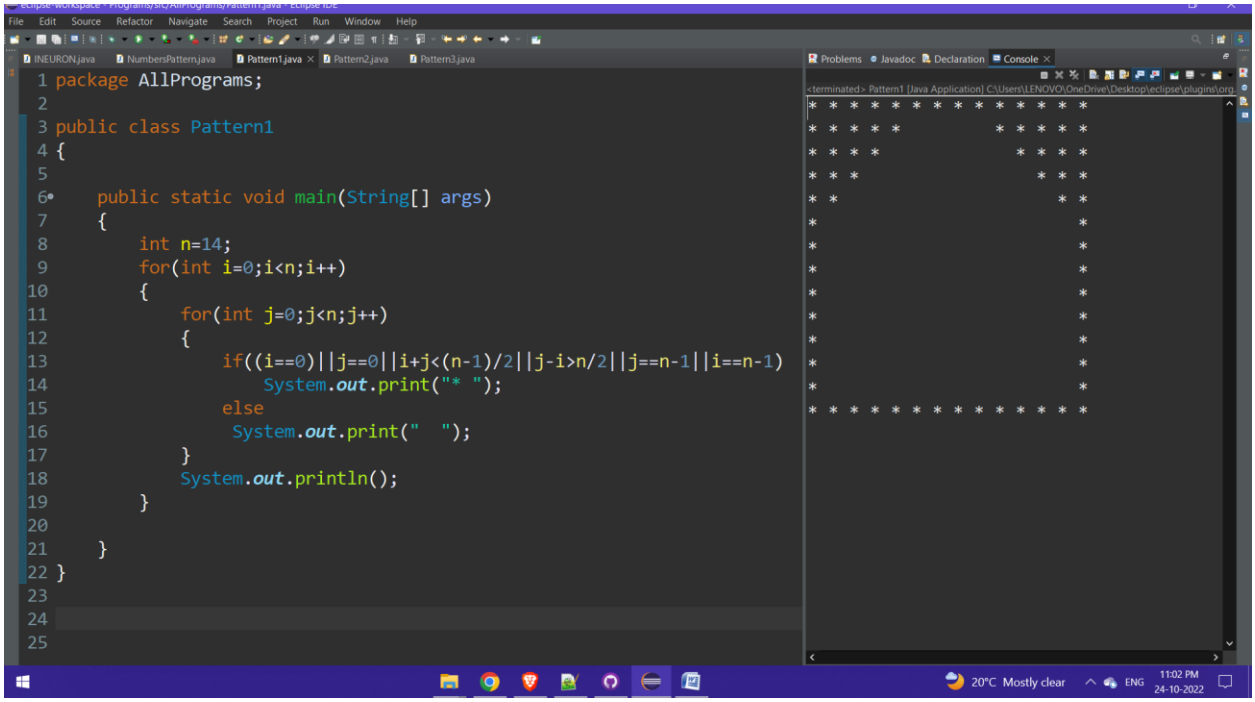
1. INEURON



2. Number Pattern



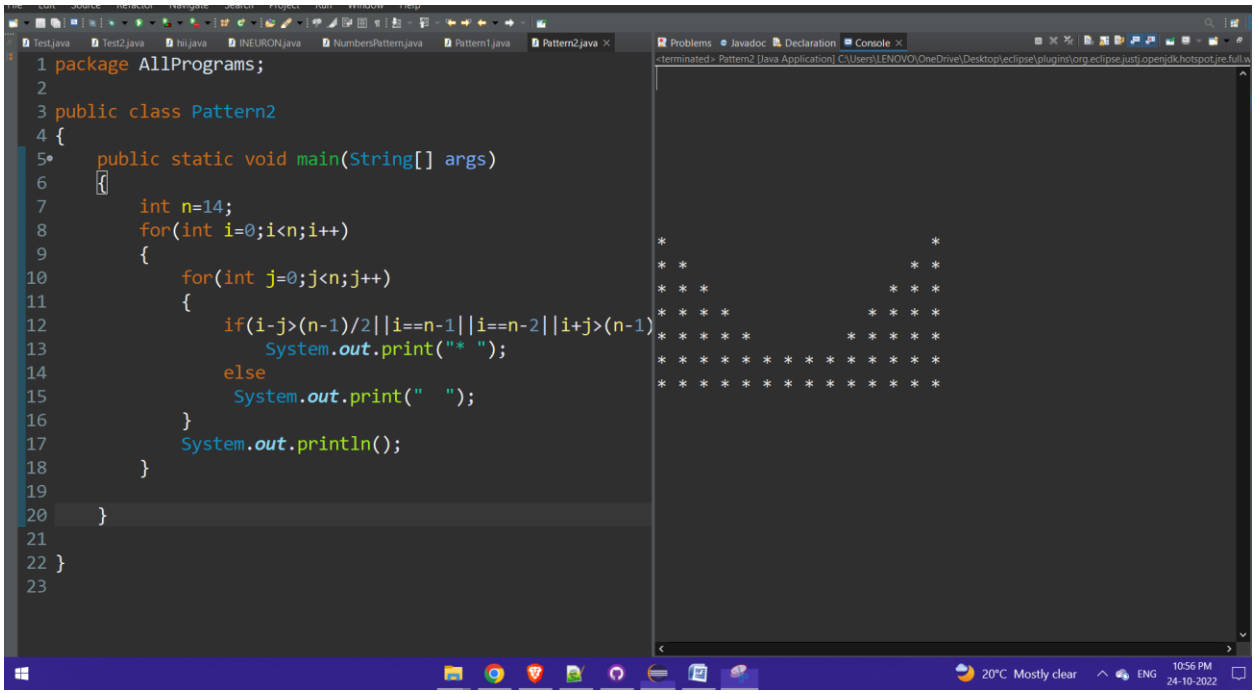
3. Pattern3



```
package AllPrograms;

public class Pattern1
{

    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+j<(n-1)/2||j-i>n/2||j==n-1||i==n-1)
                    System.out.print("* ");
                else
                 System.out.print("  ");
            }
            System.out.println();
        }

    }
}
```

```
* * * * * * * * * * * * * *
* * * * *           * * * * *
* * * *               * * * *
* * *                   * * *
* *                       * *
*                           *
*                           *
*                           *
*                           *
*                           *
*                           *
*                           *
*                           *
* * * * * * * * * * * * * *
```

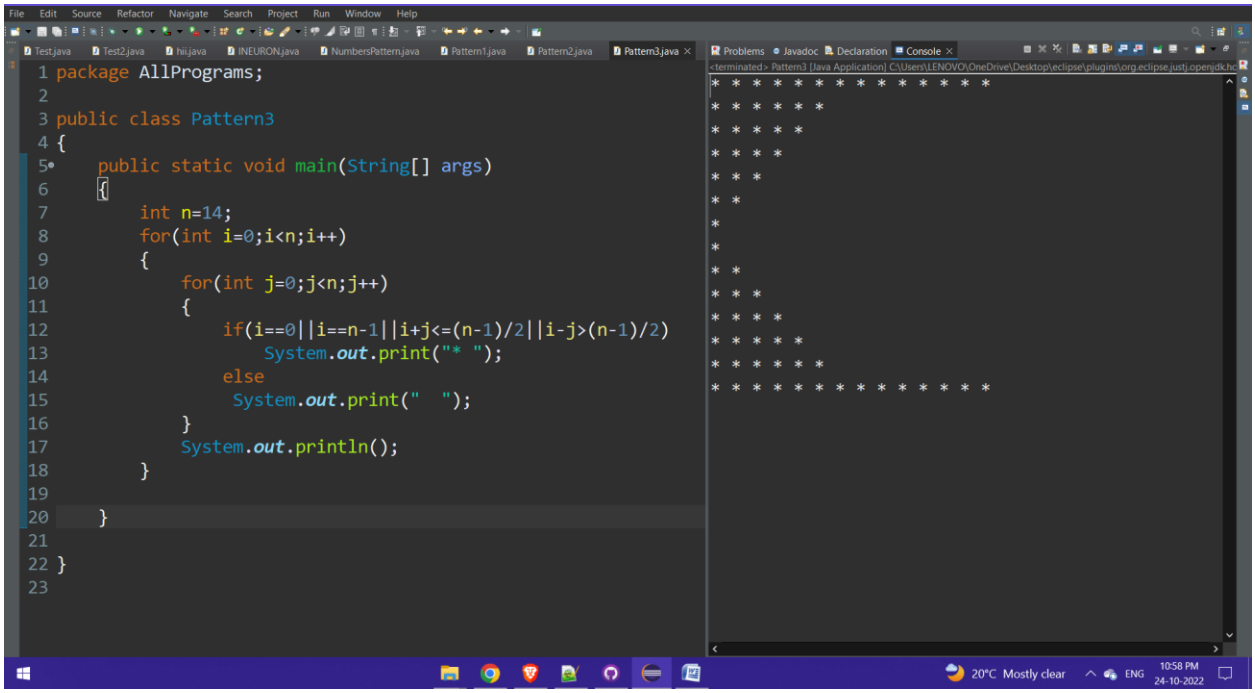
4. Pattern4



```
package AllPrograms;

public class Pattern2
{
    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-j>(n-1)/2||i==n-1||i==n-2||i+j>(n-1))
                    System.out.print("* ");
                else
                 System.out.print("  ");
            }
            System.out.println();
        }

    }
}
```

```
*                       *
* *                   * *
* * *               * * *
* * * *           * * * *
* * * * *       * * * * *
* * * * * * * * * * * * * *
* * * * * * * * * * * * * *
```

5. Pattern5


File Edit Source Refactor Navigate Search Project Run Window Help
Test.java Test2.java hii.java INEURON.java NumbersPattern.java Pattern1.java Pattern2.java Pattern3.java
Problems Javadoc Declaration Console
<terminated> Pattern3 [Java Application] C:\Users\LENOVO\OneDrive\Desktop\eclipse\plugins\org.eclipse.justj.openjdk.hc
1 package AllPrograms;
2
3 public class Pattern3
4 {
5 public static void main(String[] args)
6 {
7 int n=14;
8 for(int i=0;i<n;i++)
9 {
10 for(int j=0;j<n;j++)
11 {
12 if(i==0||i==n-1||i+j<=(n-1)/2||i-j>(n-1)/2)
13 System.out.print("* ");
14 else
15 System.out.print(" ");
16 }
17 System.out.println();
18 }
19
20 }
21
22 }
23
* * * * * * * * * * * * * *
* * * * * *
* * * * *
* * * *
* * *
* *
*
*
* *
* * *
* * * *
* * * * *
* * * * * *
* * * * * * * * * * * * * *
20°C Mostly clear
ENG
10:58 PM
24-10-2022