File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

*Question1.java ⊠   Question3.java   Question2.java   Question4.java   Question5.java

```java
public class Question1 {
    public static void main(String[]args) {
        int n=10;
        for(int i=0;i<n;i++) {
            for(int j=0;j<n;j++) {
                if(i==0 || j==(n-1)/2 || i==n-1) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.print("     ");
            for(int j=0;j<n;j++) {
                if(i==j || j==0 || j==n-1) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.print("     ");
            for(int j=0;j<n;j++) {
                if(i==0 || i==(n-1)/2 || j==0 || i==n-1) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.print("     ");
            for(int j=0;j<n;j++) {
                if(j==0 && i<n-1 || j==n-1 && i<n-1 || i==n-1 && j>0 && j<n-1) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.print("     ");
            for(int j=0;j<n;j++) {
                if(j==0 || i==0 && j<(n-1) || i==(n-1)/2 && j>0 && j<(n-1) || j==(n-1) && i>0 && i<(n-1)/2 || i==j && i>(n-1)/2) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.print("     ");
            for(int j=0;j<n;j++) {
                if(i==0 && j>0 && j<n-1|| i==n-1 && j>0 && j<n-1 || j==0 && i>0 && i<n-1
                    || j==n-1 && i>0 && i< n-1) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.print("     ");
            for(int j=0;j<n;j++) {
                if(i==j || j==0 || j==n-1) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

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

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

🗋 Question1.java   🗋 Question3.java   🗋 Question2.java ⋈   🗋 Question4.java   🗋 Question5.java

```java
1
2 public class Question2 {
3     public static void main(String[]args) {
4         int n=4;
5         for(int i=1;i<=n;i++) {
6             for(int j=1;j<=n;j++) {
7                 System.out.print(i);
8             }
9             System.out.println();
10        }
11    }
12
13 }
14
```

<terminated> Question2 [Java Application] C:\Program Files\Java\jdk-17.0.4.1\bin\javaw.exe (Oct 26, 2022, 7:58:45 AM – 7:58:46 AM)
1111
2222
3333
4444

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Question1.java   Question3.java ⊠   Question2.java   Question4.java   Question5.java

```java
public class Question3 {
    public static void main(String[]args) {
        int n=10;
        for(int i=0;i<n;i++) {
            for(int j=0;j<n;j++) {
                if(i==0 || i==n-1 || j==0 || j==n-1 || i+j<=(n-1)/2 || j-i>=(n-1)/2 ) {
                    System.out.print("*");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

<terminated> Question3 [Java Application] C:\Program Files\Java\jdk-17.0.4.1\bin\javaw.exe (Oct 26, 2022, 7:59:02 AM – 7:59:03 AM)

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

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Question1.java   Question3.java   Question2.java   Question4.java ⊠   Question5.java

```java
1
2 public class Question4 {
3    public static void main(String[]args) {
4        int n=10;
5        for(int i=0;i<n;i++) {
6            for(int j=0;j<n;j++) {
7                if(j==0 && i>=(n-1)/2 || j==n-1 && i>=(n-1)/2 || i==n-1 || i-j>=(n-1)/2 || i+j>=(n-1)+(n-1)/2 ) {
8                    System.out.print("*");
9                }
10               else {
11                   System.out.print(" ");
12               }
13           }
14           System.out.println();
15       }
16
17 }
18 }
19
```

<terminated> Question4 [Java Application] C:\Program Files\Java\jdk-17.0.4.1\bin\javaw.exe (Oct 26, 2022, 7:59:15 AM – 7:59:15 AM)

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

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Question1.java   Question3.java   Question2.java   Question4.java   Question5.java

```java
  1
  2 public class Question5 {
  3     public static void main(String[]args) {
  4         int n=10;
  5         for(int i=0;i<n;i++) {
  6             for(int j=0;j<n;j++) {
  7                 if(i==0 || i==(n-1) || i+j<=(n-1)/2 || i-j>=(n-1)/2) {
  8                     System.out.print("*");
  9                 }
 10                 else {
 11                     System.out.print(" ");
 12                 }
 13             }
 14             System.out.println();
 15         }
 16     }
 17
 18 }
 19
```

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