Star Patterns in Java

1)

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

Code:-

```java
public class Practicestar {
    public static void main(String[] args) {
        for(int i=1;i<=5;i++){
        for (int j=1;j<=i;j++){
            System.out.print("*");
        }
        System.out.println();
    }
  }
}
```

2)

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

Code:-

```java
public class Practicestar {
    public static void main(String[] args) {
        for(int i=5;i>0;i--) {
            for (int j=0;j<i;j++) {
                System.out.print("*");
            }
            System.out.print("\n");
        }
    }
}
```

3)

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

Code:-

```java
public class Practicestar {
  public static void main(String[] args) {
    for(int i=5;i>0;i--) {
      for (int j=1;j<i;j++)
      {
        System.out.print(" ");
      }for(int m=5;m>=i;m--)
      {
        System.out.print("*");
      }
      System.out.print("\n");
    }
  }
}
```

4)

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

Code:-

```java
public class Practicestar {
  public static void main(String[] args) {
    for(int i=1;i<=5;i++){
      for (int m=4;m>=i;m--){
        System.out.print(" ");
      }
      for (int n=1;n<=i;n++){
        System.out.print("*");
      }
      for (int o=2;o<=i;o++){
        System.out.print("*");
      }
      System.out.println();
    }
  }
}
```

5)

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

Code:-

```java
public class Practicestar {
    public static void main(String[] args) {
        int i,j,k,a,b,c,m,o;
        for (i=1;i<=5;i++){
            for (j=4;j>=i;j--){
                System.out.print(" ");
            }
            for (k=1;k<=i;k++){
                System.out.print("*");
            }
            for (m=2;m<=i;m++){
                System.out.print("*");
            }
            System.out.println();
        }
        for (a=1;a<=5;a++){
            for(b=1;b<=a;b++){
                System.out.print(" ");
            }
            for(c=4;c>=a;c--){
                System.out.print("*");
            }
            for(o=3;o>=a;o--){
                System.out.print("*");
            }
            System.out.println();
        }
    }
}
```
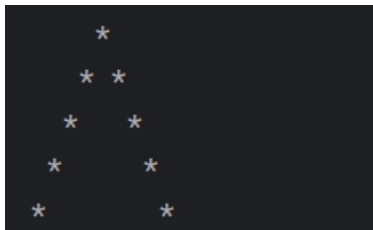
6)

Code:-

```java
public class Practicestar {
    public static void main(String[] args) {
        for (int i = 1; i <= 4; i++) {
            for (int j = 1; j <= 4; j++) {
                System.out.print(" ");
            }
            System.out.print("*");
            System.out.println();
        }
        for (int k = 1; k <= 9; k++) {
            System.out.print("*");
        }
        System.out.println();
        for (int x = 1; x <= 4; x++) {
            for (int y = 1; y <= 4; y++) {
                System.out.print(" ");
            }
            System.out.print("*");
            System.out.println();
        }
    }
}
```

7)

Code:-

```java
public class Practicestar {
    public static void main(String[] args) {
        for (int i=1;i<=5;i++){
            for(int j=5;j>=i;j--){
                System.out.print(" ");
            }
            for(int k=1;k<(2*i);k++){
                if (k>1 && k<(2*i)-1){
                    System.out.print(" ");
                }else{
                    System.out.print("*");
                }
            }
            System.out.println();
        }
    }
}
```
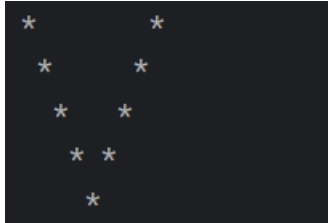
8)

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

Code:-

```java
public class Practicestar {
    public static void main(String[] args) {
        int n=5;
        for (int i=n; i>=1; i--) {
            for (int j=n; j>i; j--) {
                System.out.print(" ");
            }
            for (int k=1; k<(2*i); k++) {
                if (k>1 && k<(2*i)-1) {
                    System.out.print(" ");
                } else {
                    System.out.print("*");
                }
            }
            System.out.println();
        }
    }
}
```

9)

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

Code:-

```java
public class Practicestar {
    public static void main(String[] args) {
        int n=7;
        for (int i=1; i<=n; i++) {
            for (int j=1; j<=n; j++) {
                if (j==i || j==n-i+1) {
                    System.out.print("*");
                } else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```