Republic of the Philippines
CAMARINES SUR POLYTECHNIC COLLEGES
Nabua, Camarines Sur
*College of Engineering and Architecture*

```java
public class Main {
    public static void main(String[] args) {
        java.util.Scanner scanner = new java.util.Scanner(System.in);
        System.out.print("Enter number: ");
        int n = scanner.nextInt();

        System.out.println("*");

        // Upper part
        for (int i = 1; i <= n; i++) {
            System.out.print("*");
            for (int j = 1; j <= i; j++) {
                System.out.print(j);
            }
            for (int j = i - 1; j >= 1; j--) {
                System.out.print(j);
            }
            System.out.println("*");
        }

        // Bottom part
        for (int i = n - 1; i >= 1; i--) {
            System.out.print("*");
            for (int j = 1; j <= i; j++) {
                System.out.print(j);
            }
            for (int j = i - 1; j >= 1; j--) {
                System.out.print(j);
            }
            System.out.println("*");
        }

        System.out.println("*");

        scanner.close();
    }
}
```

Republic of the Philippines
CAMARINES SUR POLYTECHNIC COLLEGES
Nabua, Camarines Sur
*College of Engineering and Architecture*

```java
Main.java

1   public class Main {
2       public static void main(String[] args) {
3           java.util.Scanner scanner = new java.util.Scanner(System.in
            );
4           System.out.print("Enter number: ");
5           int n = scanner.nextInt();
6
7           System.out.println("*");
8
9           // Upper part
10          for (int i = 1; i <= n; i++) {
11              System.out.print("*");
12              for (int j = 1; j <= i; j++) {
13                  System.out.print(j);
14              }
15              for (int j = i - 1; j >= 1; j--) {
16                  System.out.print(j);
17              }
18              System.out.println("*");
19          }
20
21          // Bottom part
```

```
Output

java -cp /tmp/kxrXGNhoLQ/Main
Enter number: 5
*
*1*
*121*
*12321*
*1234321*
*123454321*
*1234321*
*12321*
*121*
*1*
*

=== Code Execution Successful ===
```