

Write code to print the pattern below for n rows, where user will take input for n:

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

Ans-

```
import java.util.Scanner;

public class Edureka
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the number of rows: ");

        int rows = sc.nextInt();
        for (int i= 0; i<= rows-1 ; i++)
        {
            for (int j=0; j<=i; j++) { System.out.print("*"+ " "); } System.out.println(""); }
            for (int i=rows-1; i>=0; i--)
            {
                for(int j=0; j <= i-1;j++)
                {
                    System.out.print("*"+ " ");
                }
                System.out.println("");
            }
        }
        sc.close();
    }
}
```