Aim:

Write a Program to print the Hollow pyramid pattern

Source Code:

PyramidGap.java

```java
import java.util.Scanner;
class PyramidGap
{
    public static void main(String args[])
    {
        int num,i,j;
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter no of rows : ");
        num=sc.nextInt();
        for(i=1;i<=num;i++)
        {
            if(i!=num)
            {
                for(j=1;j<=num;j++)
                {
                    if(j<=num-i)
                            System.out.print(" ");
                    else if(j>1+num-i && j<num)
                            System.out.print("  ");
                    else
                            System.out.print("* ");
                }
            }
            else
                for(j=1;j<=num;j++)
                        System.out.print("* ");
        System.out.println();
        }
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter no of rows : 5
*
* *
*   *
*   *
* * * * *

Test Case - 2

```
User Output
Enter no of rows :  6
     *
    * *
   *   *
  *     *
 *       *
* * * * * *
```