Aim:

Write a Program to print the Hollow pyramid pattern

Source Code:

PyramidGap.java

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

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