14.

```java
public class Figures {  1 usage  Oscar

    public static char Asterisk = '*';  no usages

    public static void writeSquare(int a) {  no usages  Oscar

        for (int i = 0; i < a; i++) {

            for (int j = 0; j < a; j++) {
                System.out.printf("*");
            }

            System.out.println("");
        }
    }

    public static void writeSquare2(int a, char letra) {  1 usage  Oscar

        for (int i = 0; i < a; i++) {

            for (int j = 0; j < a; j++) {
                System.out.print(letra);
            }
            System.out.println(" ");
        }
    }
}
```

```java
import java.util.Scanner;

public class App {  Oscar
    public static void main(String[] args) {  Oscar

        System.out.println(String.format("Write console tests"));

        Scanner teclado = new Scanner(System.in);

        for (; true; ) {
            System.out.println("Choose an option:\n" +
                    "  1. Square\n" +
                    "  2. Title\n" +
                    "  0. Quit\n");

            int numero = teclado.nextInt();

            if (numero == 1) {
                System.out.printf("Lado del cuadrado: ");
                int lado = teclado.nextInt();
                System.out.print("Dime la letra de la cual quieras hacer el cuadrado");
                char caracter = teclado.next().charAt(0);
                Figures.writeSquare2(lado, caracter);
            } else if (numero == 2) {
                System.out.printf("Titulo: ");
                String titulo = teclado.nextLine();
                titulo = teclado.nextLine();
                Titles.writeTitle(titulo);
            } else if (numero == 0) {
                Console.close();
            }
        }
    }
}
```

```
1
Lado del cuadrado: 4
Dime la letra de la cual quieras hacer el cuadradoG
GGGG
GGGG
GGGG
GGGG
Choose an option:
  1. Square
  2. Title
```

15.

```
public class Figures {  1 usage   Oscar

    public static char Asterisk = '*';  1 usage

    public static void writeSquare(int a) {  no usages   Oscar
        writeSquare2(a, Asterisk);
    }

    public static void writeSquare2(int a, char letra) {  2 usages

        for (int i = 0; i < a; i++) {

            for (int j = 0; j < a; j++) {
                System.out.print(letra);
            }
            System.out.println(" ");
        }
    }
}
```

```
     if (numero == 1) {
         System.out.printf("Lado del cuadrado: ");
         int lado = teclado.nextInt();
         Figures.writeSquare(lado);
     } else if (numero == 2) {
         System.out.printf("Titulo: ");
```

```
  2. Title
  0. Quit

1
Lado del cuadrado: 4
****
****
****
****
Choose an option:
  1. Square
  2. Title
```

16.

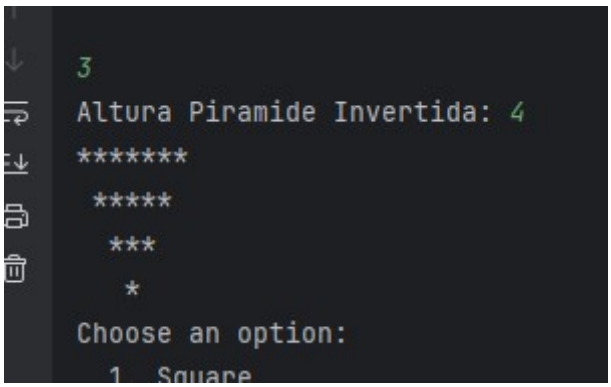
```
public void writeInvertedPyramid(int n) {  no usages  Oscar
    for (int i = n; i > 0; i--) {
        int nEspacios = n - i;
        int nAsteriscos = 2 * i - 1;

        for (int s = 0; s < nEspacios; s++) {
            System.out.print(" ");
        }

        for (int a = 0; a < nAsteriscos; a++) {
            System.out.print("*");
        }

        System.out.println();
    }
}
```

```
if (numero == 1) {
    System.out.printf("Lado del cuadrado: ");
    int lado = teclado.nextInt();
    Figures.writeSquare(lado);
} else if (numero == 2) {
    System.out.printf("Titulo: ");
    String titulo = teclado.nextLine();
    titulo = teclado.nextLine();
    Titles.writeTitle(titulo);
} else if (numero == 3) {
    System.out.printf("Altura Piramide Invertida: ");
    int lado = teclado.nextInt();
    Figures.writeInvertedPyramid(lado);
} else if (numero == 0) {
    Console.close();
}
```



18.

```
dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$ git switch figures
Switched to branch 'figures'

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (figures)
$ git rebase main
Current branch figures is up to date.

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (figures)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$ git merge figures
Updating 79e0404..22f41ce
Fast-forward
 ED-UD2-P1/src/App.java     | 44 ++++++++++++++++++++++----------------------
 ED-UD2-P1/src/Figures.java | 31 +++++++++++++++++++++++++++++++
 2 files changed, 51 insertions(+), 24 deletions(-)

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$ git push origin main
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 995 bytes | 995.00 KiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/Osc57/Practica-1-Git.git
   79e0404..22f41ce  main -> main

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$
```

20.

```java
public class Titles {  1 usage  Oscar

    public static void writeTitle(String titulo) {  1 usage  Oscar
        int longitud_linea = titulo.length() + 12;
        String lineaAsteriscos = "*".repeat(longitud_linea);

        String lineaTitulo = "***    " + titulo + "    ***";
        System.out.println(lineaAsteriscos);

        System.out.println(lineaTitulo);
        System.out.println(lineaAsteriscos);
    }

}
```

```
Choose an option:
  1. Square
  2. Title
  3.Piramide Invertida
  0. Quit

2
Titulo: TITULO
******************
***    TITULO    ***
******************
```

21.

```java
public static void writeHeader() {  1 usage
    for (int i = 0; i < 80; i++) {
        System.out.print("<");
    }
    System.out.println();
}
```

```
Choose an option:
  1. Square
  2. Title
  3. Piramide Invertida
  4. Cabezera
  0. Quit

4
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
```

22.

```
public static void writeHeader(int n) {
    for (int i = 0; i < n; i++) {
        System.out.print("<");
    }
    System.out.println();
}
```

```
  2. Title
  3. Piramide Invertida
  4. Cabezera
  0. Quit

4
Dime el número de cabecera que quieres: 25
<<<<<<<<<<<<<<<<<<<<<<<<<

Process finished with exit code 0
```

24.

```
public static void writeTrailer() {
    for (int i = 0; i < 80; i++) {
        System.out.print(">");
    }
    System.out.println();
}
```

```
        Titles.writeHeader(n);
    } else if (numero == 5) {
        Titles.writeTrailer();
    } else if (numero == 0) {
```

26.

```
dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$ git switch titles
Already on 'titles'
Your branch is ahead of 'origin/titles' by 24 commits.
  (use "git push" to publish your local commits)

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (titles)
$ git rebase main
Current branch titles is up to date.

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (titles)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$ git merge titles
Updating fb9b4bb..8ae62d5
Fast-forward
 ED-UD2-P1/src/App.java    | 17 ----------------
 ED-UD2-P1/src/Titles.java | 11 -----------
 2 files changed, 28 deletions(-)

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$ git push origin main
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 562 bytes | 562.00 KiB/s, done.
Total 6 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To https://github.com/Osc57/Practica-1-Git.git
   fb9b4bb..8ae62d5  main -> main

dam1@B302PC19 MINGW64 ~/Desktop/Practica Git/Practica-1-Git (main)
$
```