

```
/**
 * Dessiner des formes étoilées à l'écran.
 *
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 * Classe: 11TG
 */
public class Stars
{
    public void drawRectangle(int pWidth, int pHeight)
    {
        for (int i=1; i<=pHeight; i++)
        {
            for (int j=1; j<=pWidth; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }
    }

    public void drawSquare(int pSideLength)
    {
        for (int i=1; i<=pSideLength; i++)
        {
            for (int j=1; j<=pSideLength; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }
    }

    // pHeight=3
    //
    //      *
    //     ***
    //    *****
    //
    public void drawPyramide(int pHeight)
    {
        for (int i=1; i<=pHeight; i++)
        {
            for (int j=1; j<=pHeight-i; j++)
            {
                System.out.print(" ");
            }
            for (int j=1; j<=i*2-1; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }
    }

    // pHeight=3
    //
    //     *****
    //      ***
    //       *
    //
    public void drawReversePyramide(int pHeight)
    {
        for (int i=pHeight; i>=1; i--)
        {
            for (int j=1; j<=pHeight-i; j++)
            {
                System.out.print(" ");
            }
            for (int j=1; j<=i*2-1; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}
```

```
// pHeight=3
//
//      *
//     ***
//    *****
//   ***
//  *
//
public void drawDiamond(int pHeight)
{
    for (int i=1; i<=pHeight; i++)
    {
        for (int j=1; j<=pHeight-i; j++)
        {
            System.out.print(" ");
        }
        for (int j=1; j<=i*2-1; j++)
        {
            System.out.print("*");
        }
        System.out.println();
    }
    for (int i=pHeight-1; i>=1; i--)
    {
        for (int j=1; j<=pHeight-i; j++)
        {
            System.out.print(" ");
        }
        for (int j=1; j<=i*2-1; j++)
        {
            System.out.print("*");
        }
        System.out.println();
    }
}
}
```