

# Solution Review: Pyramid Printing by Using 'for' Loop

In this review, the solution of the challenge 'Pyramid Printing by Using 'for' Loop' from the previous lesson is provided.

## We'll cover the following ^

- Solution
- Explanation

## Solution #

```
class HelloWorld {  
    public static void main( String args[] ) {  
        int rows = 5;  
        for (int i = 1; i <= rows; ++i) {  
            for (int j = 1; j <= i; ++j) {  
                System.out.print("# ");  
            }  
            System.out.println();  
        }  
    }  
}
```



## Explanation #

Here is a breakdown of the above code for your thorough understanding.

- `for(int i = 1; i <= rows; ++i)` Outer for loop to iterate till the total number of rows. The outer for loop will terminate when the condition `i <= rows` is no longer true.
- `for(int j = 1; j <= i; ++j)` Inner for loop to print number of *hash* characters in each row equal to the row number!
- `System.out.print("# ");` Prints each *hash* character.
- `System.out.println();` Adds new line after every row.

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Let's wrap up this chapter by solving a quiz in the upcoming lesson.