- Complete the following java code which reads in 3 numbers from the terminal and prints the maximum of these 3 numbers. You are required to find the maximum among these 3 numbers using the method `Math.max(x, y)` method. (You might use this method twice).

```java
import java.util.Scanner;
public class MaxOfThree {
    public static void main(String[] args){
        //Define the variables
        int x, y, z;

        //Define and initialize an scanner object
        Scanner myScanner = new Scanner(System.in);

        //Inform the user to enter the first number
        System.out.println(“Enter the first number:”);

        //Read the first number using the scanner
        x = myScanner.nextInt();

        //Inform the user to enter the second number
        System.out.println(“Enter the second number:”);

        //Read the second number using the scanner
        y = myScanner.nextInt();

        //Inform the user to enter the third number
        System.out.println(“Enter the third number:”);

        //Read the third number using the scanner
        z = myScanner.nextInt();

        //Find the maximum of first and second number and store it in a variable named `myMax`
        int myMax = Math.max(x,y);

        //Find the maximum of the `myMax` and third number and store it in `myMax`
        myMax = Math.max(myMax,z);

        //Print the maximum value to the user
        System.out.println(“Max is” + myMax);
    }
}
```
Challenge:

Using the `max` method, can you write a single Java statement which defines an `int` typed variable, `myMax`, whose value is set to the maximum of `x`, `y`, and `z`.

Hint: You can nest functions so that the output of one function is the input to another function. For example: the square root of the square root of 16 would be `Math.sqrt( Math.sqrt( 16.0 ) )`

and this expression would evaluate to 2.0.

Begin with the basic assignment statement

```
int myMax = ...;
```

and then complete the right hand side of the statement with a valid Java expression.

```
int myMax = Math.max(Math.max(x,y) , z);
```