```
package com.itbulls.learnit.javacore.math;

public class MathClassDemo {

	public static void main(String[] args) {
		System.out.println(Math.PI);		// 3.141592653589793
		System.out.println(Math.max(3, 5)); // 5
		System.out.println(Math.min(3, 5));	// 3
		System.out.println(Math.sqrt(4));	// 2.0
		int absoluteValue = Math.abs(-5);
		System.out.println(absoluteValue);	// 5

		System.out.println(Math.sqrt(-1));	// NaN
		System.out.println(0 / 0.0);		// NaN
		System.out.println((0 / 0.0) + 5);	// NaN

		System.out.println(5 / 0.0);		// Infinity
		System.out.println(-5 / 0.0);		// -Infinity

		System.out.println(Math.round(20.0 / 3.0));
	// 7
		System.out.println(Math.round( 20.0 * 100.0 / 3.0) / 100.0);	// 6.67

		System.out.println(Math.random());
between 0.0 and 1.0
		System.out.println((int)(Math.random() * 100));		// between 0 and
100
		System.out.println((int)(Math.random() * 100) + 100);	// between 100 and 200

	}

}
```