Sean McNamee and Nick Passaretti

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|  | public class Assignment1a { |
|  | public static void main(String[] args) { |
|  | int a = 11; |
|  | int b = 6; |
|  | int c = minFunction(a, b); |
|  | System.out.println("Minimum value: " + c); |
|  | } |
|  |  |
|  | /\*\* |
|  | \* Returns the minimum of two numbers |
|  | \* @a : integer number |
|  | \* @b : integer number |
|  | \*/ |
|  | public static int minFunction(int a, int b) { |
|  | int min; |
|  | if (a < b) { |
|  | min = a; |
|  | } else { |
|  | min = b; |
|  | } |
|  | return min; |
|  | } |
|  | } |

|  |
| --- |
| public class Assignment1b { |
|  | public static void main(String[] args) { |
|  | int[] numbers = {10, 20, 30, 40, 50}; |
|  |  |
|  | for (int x : numbers) { |
|  | System.out.print(x + ", "); |
|  | } |
|  |  |
|  | System.out.println(); |
|  | String[] names = {"James", "Larry", "Tom", "Lacy"}; |
|  | for( String name : names) { |
|  | System.out.print(name + ", "); |
|  | } |
|  | } |
|  | } |

|  |
| --- |
| importjava.lang.Math; |
|  |  |
|  | public class Challenge1 { |
|  |  |
|  | public static void main(String[] args) { |
|  | double[] numbers = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}; |
|  | final int BASE = 5; |
|  |  |
|  | for (double num : numbers) { |
|  | System.out.println("log-base" + BASE + "(" + num + ") = " + logbase(num, BASE)); |
|  | } |
|  | } |
|  |  |
|  |  |
|  | /\*\* |
|  | \* Returns the logBASE of the value |
|  | \* @value : the exponent of the log function |
|  | \* @base : the base of the log function |
|  | \*/ |
|  | public static double logbase(double value, int base) { |
|  | return Math.log(value) / Math.log(base); |
|  | } |
|  | } |