The Bronx High School of Science, Mathematics Department
Valerie Reidy, Principal Rosemarie Jahoda, A.P. Mathematics

AP Java
Mr. J. Fox, Instructor

AP Java Method Practice Worksheet

For each of the following methods, you will be adding code to the `MethodPractice` class. Be sure to download this class from the Public Drive.

Also, you will be using the `Lesson18Test` class to test out your code. When you are ready to test your code for any of the problems below, make sure to uncomment the code related to that problem. Instructions will be provided in class.

1) Write a method `isEven` that determines whether an integer is even or odd. The method should take an integer argument and return true if the integer is even. If the integer is odd, it should return false.

2) Write a method `multiple` that determines, for a pair of integers, whether the second integer is a multiple of the first. The method should take two integer arguments, return true if the second is a multiple of the first, and return false otherwise. Add the following code to the `main()` method of the `Lesson18Test` class to test your code out:

3) Write a method `minimum3` that returns the smallest of three decimal (floating-point) numbers. This method should take three decimal arguments, and return the smallest of the three. Add the following code to the `main()` method of the `Lesson18Test` class to test your code out:

4) Write a method `LCD` that returns the least common divisor of two integers (the number that evenly divides both). This method should take two integer arguments, and return the LCD of those numbers. Add the following code to the `main()` method of the `Lesson18Test` class to test your code out: