This is a practice assignment for your very first attempt in Java programming. The goal of this exercise is to get you familiarized with programming in Java and also to brush up on critical fundamentals required from CSCI 111 such as recursions and loops.

1) Create a static method called myHelloWorldMethod that prints out "Hello World!" to the screen.

2) Create a static method called mySum that will accept a parameter of type int and return an int, which is the sum of the number starting from 1 up to N. For e.g., myFirstSum(4) should return 10. since 1 + 2 + 3 + 4 = 10.

3) Create a static method called myReverseRecursion that will accept an integer and returns an integer that has its digits reversed. This has to be done recursively. For e.g., myReverseRecursion(1234) will return 4321.

4) Create a static method called myReverseNonRecursion that will accept an integer and returns an integer that has its digits reversed. This has to be done non-recursively. For e.g., myReverseNonRecursion(1234) will return 4321.

5) Create a static method called myReverseAndDoubleNumber that will accept an integer and returns an integer whose digits are repeated twice and in reverse order. You can do this in any way you choose. For e.g., myReverseAndDoubleNumber(1234) will return 44332211. (Use long data type if you want to test big numbers)