Please complete the following programming problem in Java and upload your code to github in an open repository. Please be advised that you might have to create a free account.

Write a function that takes three Integer numbers Number1, Number2, and Number3, and determines if there is a mathematical operation that will make Number1 (operation) Number2 equal to Number3. If one or more of the 4 common mathematical operations (+,-,*,/) can complete the function, return the String representation of the mathematical function. If none of the 4 mathematical operations can make the statement true, return the String "None".

For instance:

public String mathFunction(1,2,3) returns "+",
public String mathFunction(2,2,4) returns "+*", (+ and *)
public String mathFunction(3,-3,-9) returns "*",
public String mathFunction(1,2,-1) returns "-",
public String mathFunction(3,3,1) returns "/",
public String mathFunction(7,1,11) returns "None".

You need not use Scanner to input numbers from the user if you would not like to. You can simply write a function that takes the appropriate parameters and pass those parameters in the main method. For extra credit, write tests using Junit.

Thank you for your interest and candidacy,

Method Industries