Method 1 assignment

Modify your Loops 2 assignment. Add 3 methods.

You can create any useful methods you like. Ms. Strelkovska’s recommendations are:

1)In question 3:

public static int **sumOfCubes**(int number){ }

This method should get the number and return the sum of cubes of all the digits of that number. For example, if **sumOfCubes**(127) is called it should return 352 (13+23+73 )

2) In question 4

public static void **printHailstones**(int num){ }

This method should get an int as a parameter and print the hailstone numbers.

For example, if **printHailstones**(10) is called the following should be printed

10, 5, 16, 8, 4, 2, 1

3) In question 4

public static int **hailstoneLength**(int num){ }

This method should get an int as a parameter and return the number of iteration of the hailstone sequence.

For example, this call **hailstoneLength** (10) should return 7.