Homework #6

Your task is to recreate the webpage on the following page. When finished, upload your .html file to my website.

The goal of the program is to have your JavaScript print use a loop to print random numbers and determine which of the random numbers printed are divisible by 3.

The user will provide you with 3 values, a minimum random number, a maximum random number and a value to represent the total number of random numbers to be generated and printed.

So if the user enters 4 for minimum, 90 for maximum, and 10 for amount, your program will print 10 random umbers between 4 and 90.

If a random number is divisible by 3, print a message next to the number stating this fact.

To generate a random number between a range of numbers, try this link…

http://stackoverflow.com/questions/4959975/generate-random-number-between-two-numbers-in-javascript

To determine if a number is divisible by another number, try this link…

http://stackoverflow.com/questions/8023659/java-check-if-integer-is-multiple-of-a-number - http://stackoverflow.com/questions/8023659/java-check-if-integer-is-multiple-of-a-number

You can obtain the template file from this link….

http://newton.ncc.edu/gansonj/ite154/templates/ite154_hw6_sp19_template.txt

Below are 2 sample outputs of the program in action.

ITE 154: Web Programming 1

file:///Users/zarpar8/Documents/Jared%20Stuff/jared_class_

Loops and Random Numbers

Enter minimum random number

6

Enter Maximum random number

100

Enter how many random numbers

8

Let's Go!

Here are the random numbers
40
90 is divisible by 3
97
88
23
14
6 is divisible by 3
33 is divisible by 3

Loops and Random Numbers

Enter minimum random number

90

Enter Maximum random number

1017

Enter how many random numbers

12

Let's Go!

Here are the random numbers
415
919
385
531 is divisible by 3
564 is divisible by 3
902
401
245
483 is divisible by 3
461
394
489 is divisible by 3