Below is the scenario for the skill check. Please email the code back to Latcha in a zip file.

Use JavaScript (or a JavaScript framework) to complete this test.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Please build an ISBN validator function**

(ISBN - International Standard Book Number)

There are two ISBN standards: ISBN-10 and ISBN-13. Support for ISBN-13 is essential, whereas support for ISBN-10 is optional and we don’t need it.

Here are some valid examples of ISBN-13:

ISBN-13:

            9780470059029

            978 0 471 48648 0

            978-0596809485

            978-0-13-149505-0

            978-0-262-13472-9

ISBN-13 is made up of 12 digits plus a check digit. Spaces and hyphens may be included in a code, but are not significant. This means that 9780471486480 is equivalent to 978-0-471-48648-0 and 978 0 471 48648 0.

The check digit for ISBN-13 is calculated by multiplying each digit alternately by 1 or 3 (i.e., 1 x 1st digit, 3 x 2nd digit, 1 x 3rd digit, 3 x 4th digit, etc.), summing these products together, taking modulo 10 of the result and subtracting this value from 10, and then taking the modulo 10 of the result again to produce a single digit.

**Create a function that takes a string and returns true if that is a valid ISBN-13 and false otherwise.**