

ROMAN NUMERAL CONVERTER CERTIFICATION PROJECT

Roman numerals are based on seven symbols and can be written using various combinations to represent Arabic numerals. For example:

Roman numerals	Arabic numerals
M	1000
CM	900
D	500
CD	400
C	100
XC	90
L	50
XL	40
X	10
IX	9
V	5
IV	4
I	1

Objective: Build an app that is functionally similar to <https://roman-numeral-converter.freecodecamp.rocks>.

User Stories:

1. You should have an `input` element with an `id` of `"number"`.
2. You should have a `button` element with an `id` of `"convert-btn"`.
3. You should have a `div`, `span` or `p` element with an `id` of `output`.
4. When you click on the `#convert-btn` element without entering a value into the `#number` element, the `#output` element should contain the text `"Please enter a valid number"`.
5. When the `#number` element contains the number `-1` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"Please enter a number greater than or equal to 1"`.
6. When the `#number` element contains the number `4000` or greater and the `#convert-btn` element is clicked, the `#output` element should contain the text `"Please enter a number less than or equal to 3999"`.
7. When the `#number` element contains the number `9` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"IX"`.
8. When the `#number` element contains the number `16` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"XVI"`.
9. When the `#number` element contains the number `649` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"DCXLIX"`.
10. When the `#number` element contains the number `1023` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"MXXIII"`.

11. When the `#number` element contains the number `3999` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"MMMCMXCIX"`.

Fulfill the user stories and pass all the tests below to complete this project. Give it your own personal style. Happy Coding!

TESTS

1. You should have an `input` element with an `id` of `"number"`.
2. You should have a `button` element with an `id` of `"convert-btn"`.
3. You should have a `div`, `span`, or `p` element with an `id` of `"output"`.
4. When you click on the `#convert-btn` element without entering a value into the `#number` element, the `#output` element should contain the text `"Please enter a valid number"`.
5. When the `#number` element contains the number `-1` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"Please enter a number greater than or equal to 1"`.
6. When the `#number` element contains the number `4000` or greater and the `#convert-btn` element is clicked, the `#output` element should contain the text `"Please enter a number less than or equal to 3999"`.
7. When the `#number` element contains the number `9` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"IX"`.
8. When the `#number` element contains the number `16` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"XVI"`.

9. When the `#number` element contains the number `649` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"DCXLIX"`.
10. When the `#number` element contains the number `1023` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"MXXIII"`.
11. When the `#number` element contains the number `3999` and the `#convert-btn` element is clicked, the `#output` element should contain the text `"MMMCMXCIX"`.
12. When the `#number` element contains a random negative number and the `#convert-btn` element is clicked, the `#output` element should contain the text `"Please enter a number greater than or equal to 1"`.
13. When the `#number` element contains a number greater than 4000 and the `#convert-btn` element is clicked, the `#output` element should contain the text `"Please enter a number less than or equal to 3999"`.