PALINDROME CHECKER CERTIFICATION PROJECT

A palindrome is a word or phrase that can be read the same way forwards and backwards, ignoring punctuation, case, and spacing.

Note: You'll need to remove **all non-alphanumeric characters** (punctuation, spaces and symbols) and turn everything into the same case (lower or upper case) in order to check for palindromes.

Objective: Build an app that is functionally similar to https://palindrome-checker.freecodecamp.rocks.

User Stories:

1. You should have an input element with an id of "text-input".
2. You should have a button element with an id of "check-btn".
3. You should have a div, span or p element with an id of "result".
4. When you click on the #check-btn element without entering a value into the #text-input element, an alert should appear with the text "Please input a value".
5. When the #text-input element only contains the letter A and the #check-btn element is clicked, the #result element should contain the text "A is a palindrome".
6. When the #text-input element contains the text eye and the #check-btn element is clicked, the #result element should contain the text "eye is a palindrome".
7. When the #text-input element contains the text _eye and the #check-btn element is clicked, the #result element should contain the text "_eye is a palindrome".

8. When the `#text-input` element contains the text `race car` and the `#check-btn` element is clicked, the `#result` element should contain the text `"race car is a palindrome"`.

9. When the `#text-input` element contains the text `not a palindrome` and the `#check-btn` element is clicked, the `#result` element should contain the text `"not a palindrome is not a palindrome"`.

10. When the `#text-input` element contains the text `A man, a plan, a canal. Panama` and the `#check-btn` element is clicked, the `#result` element should contain the text `"A man, a plan, a canal. Panama is a palindrome"`.

11. When the `#text-input` element contains the text `never odd or even` and the `#check-btn` element is clicked, the `#result` element should contain the text `"never odd or even is a palindrome"`.

12. When the `#text-input` element contains the text `nope` and the `#check-btn` element is clicked, the `#result` element should contain the text `"nope is not a palindrome"`.

13. When the `#text-input` element contains the text `almostomla` and the `#check-btn` element is clicked, the `#result` element should contain the text `"almostomla is not a palindrome"`.

14. When the `#text-input` element contains the text `My age is 0, 0 si ega ym.` and the `#check-btn` element is clicked, the `#result` element should contain the text `"My age is 0, 0 si ega ym. is a palindrome"`.

15. When the `#text-input` element contains the text `1 eye for of 1 eye.` and the `#check-btn` element is clicked, the `#result` element should contain the text `"1 eye for of 1 eye. is not a palindrome"`.

16. When the `#text-input` element contains the text `0_0 (: /-\ :) 0-0` and the `#check-btn` element is clicked, the `#result` element should contain the text `"0_0 (: /-\ :) 0-0 is a palindrome"`.

17.   When the #text-input element contains the text five|_/|four and the #check-btn element is clicked, the #result element should contain the text "five|_/|four is not a palindrome".

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 "text-input".
2. You should have a button element with an id of "check-btn".
3. You should have a div, span, or p element with an id of result.
4. When you click on the #check-btn element without entering a value into the #text-input element, an alert should appear with the text "Please input a value".
5. When the #text-input element only contains the letter A and the #check-btn element is clicked, the #result element should contain the text "A is a palindrome"
6. When the #text-input element contains the text eye and the #check-btn element is clicked, the #result element should contain the text "eye is a palindrome".
7. When the #text-input element contains the text _eye and the #check-btn element is clicked, the #result element should contain the text "_eye is a palindrome".
8. When the #text-input element contains the text race car and the #check-btn element is clicked, the #result element should contain the text "race car is a palindrome".

9. When the #text-input element contains the text not a palindrome and the #check-btn element is clicked, the #result element should contain the text "not a palindrome is not a palindrome".

10. When the #text-input element contains the text A man, a plan, a canal. Panama and the #check-btn element is clicked, the #result element should contain the text "A man, a plan, a canal. Panama is a palindrome".

11. When the #text-input element contains the text never odd or even and the #check-btn element is clicked, the #result element should contain the text "never odd or even is a palindrome".

12. When the #text-input element contains the text nope and the #check-btn element is clicked, the #result element should contain the text "nope is not a palindrome".

13. When the #text-input element contains the text almostomla and the #check-btn element is clicked, the #result element should contain the text "almostomla is not a palindrome".

14. When the #text-input element contains the text My age is 0, 0 si ega ym. and the #check-btn element is clicked, the #result element should contain the text "My age is 0, 0 si ega ym. is a palindrome".

15. When the #text-input element contains the text 1 eye for of 1 eye. and the #check-btn element is clicked, the #result element should contain the text "1 eye for of 1 eye. is not a palindrome".

16. When the #text-input element contains the text 0_0 (: /-\ :) 0-0 and the #check-btn element is clicked, the #result element should contain the text "0_0 (: /-\ :) 0-0 is a palindrome".

17. When the #text-input element contains the text five|_/|four and the #check-btn element is clicked, the #result element should contain the text "five|_/|four is not a palindrome".

18. When the `#text-input` element contains an alphanumeric palindrome, the `#result` element should correctly identify it as a palindrome.

19. When the `#text-input` element contains a random sequence of alphanumeric characters that is not a palindrome, the `#result` element should say it is not a palindrome.