

Palindrome Detector

Objectives

- Use PHP string functions to tell if a word or a phrase is a palindrome.

What is a Palindrome

In short, it is a word or phrase that reads the same backward as forward. Here are a few examples from a Grammarly blog called [16 Surprisingly Funny Palindrome](#).

- Madam, in Eden, I'm Adam.
- Was it a car or a cat I saw?

Palindrome programming rules

Your program must

- Remove the following punctuation. You may add more.
 - spaces
 - commas
 - period
 - exclamation point
 - single quotes
 - double quotes
- Set all letters to lowercase
- Test if the word or phrase is the same forward as back
- Display the results of your test

Code

- Create a folder named **palindrome**
- Create files named

- **index.html**
- **palindrome.php**
- **palindrome-functions.php.**

index.html

- Ask the player to enter a word or phrase.
- Submit the form to **palindrome.php**.

palindrome.php

- Receives the string from **palindrome.html**
- Displays whether the player's entry was a palindrome or not.
- Provides a link so the player can play again.
- Calls the `removePunctuation()` function.

palindrome-functions.php

- Has a function named `removePunctuation($string)`.
- Receives palindrome from the user.
- Removes the punctuation.
- Returns the string with no punctuation.

CSS

Add some style to your palindrome detector!

Submit

Zip your files and save the zipped file as **palindrome-yourLastName**. Submit the zipped folder in Moodle.