

Jadu Engineer Code Exercise

The brief

We would like you to write a small PHP application to implement the following operations as outlined within the “Checker.php” class file provided:

isPalindrome(\$word)	<p>Check the parameter \$word and return true if it is a palindrome.</p> <p>Example: “anna” should return true “Bark” should return false</p>
isAnagram(\$word, \$comparison)	<p>Check the parameter \$word and return true if it is an anagram of \$comparison.</p> <p>Example: “coalface, cacao elf” should return true “coalface, dark elf” should return false</p>
isPangram(\$phrase)	<p>Check the parameter \$phrase and return true if it contains at least one instance of every letter in the English alphabet.</p> <p>Example: “The quick brown fox jumps over the lazy dog” should return true “The British Broadcasting Corporation (<i>BBC</i>) is a British public service broadcaster.” should return false</p>

You can feel free to add any additional creative flair to your solution as you see fit, however we will be looking at the quality of the above implementation rather than extra features that you choose to implement.

We are particularly interested in the approach you take with your solution, including the code design and development, testing and any supporting documentation.

Deliverables

At a minimum, please provide the following within your submission:

- instructions.md - any instructions / requirements that we might need to run your application should this be relevant
- time.md - tell us how your time broke down throughout the tasks in this exercise
- All files required by your application to work
- Any other supporting files / documents used by you during the completion of this exercise