

PROGRAMMING CHALLENGES

This is a challenge, which will help us determine your programming abilities.

You will have to pick the PHP or the Javascript challenge (You are welcome to do both).

Answer can be submitted to: mail@morningtrain.dk

REQUIREMENTS

- The code must be appropriately commented and contain information about the author at the beginning of the page.
- Pay special attention to formatting, syntax and naming conventions.
- The reasons for using specific functions, must be present in comments.
- The code must be coded in an object oriented way.
- 3rd party libraries and frameworks can be used, but remember to consider the drawbacks.
- Performance and security must be taken into consideration.
- Make it as lightweight as possible while keeping scalability and features in mind.
- Make the code available on github or an online editor for easy access.

CHALLENGES

JAVASCRIPT

For the JS challenge, we will be testing your ability to work with node.js and JavaScript in general.

You are expected to use OOP and the latest language features, as well as demonstrating an understanding of scoping.

The goal of the challenge is to build a CSV parser as an includable NPM (file) module.

PHP

The goal of the PHP challenge, is to create a simple but flexible template parser.

It must automatically translate an HTML template with placeholders into a HTML string with placeholders replaced by the corresponding values.

It must be possible to supply an object or array with key-value pairs, where the key indicates the placeholder that must be replaced by the value.

Consider using regular expressions