TASK 4

Create database *task4* with 2 tables:

comments	**bad_words**
id_comment	id_bad_word
name	id_comment
email	word
comment	number
filtered_comment	
total_bad_words	
total_words	
bad_level	
date_time	

Create web form (*index.php)* with following fields:

name - input text field

email - input text field

three dropdown menus for *day*, *month* and *year* (use it from task3)

comment - textarea

send - submit button

cancel - reset button

Send data with POST method to *comments.php* file. *Comments.php* file includes *config.php* and *functions.php* files.

Config.php file contains

```
$badWords = ['drop','delete','kill', 'destroy','fool']
```

and parameters for MySQL connection

Functions.php contains all function declarations

Comments.php file receives data from *index.php* file and checks if all data are sent. If one is empty redirect user to the *index.php* file and write the message. For redirection use `header("Location:index.php");`

If all data are sent, with function *getFilteredCommentData* trim the entered string from comment and hide bad words (from *badWords* array) in the following way:

Instead bad word show the first and the last character and between them show as many stars as there are characters. For example: drop -> d**p

getFilteredCommentData returns array in the following format:

```
$data = [

'filteredComment' => $filteredComment,

'words' => ['drop' => 2, 'delete' => 1],    // the number of occurrences
of the each bad word in the comment

'totalBadWords' => 3,

'totalWords' => 234,

'suggestedBadLevel' => 1

];
```

suggestedBadLevel should be return value of *getSuggestedBadLevel* function. You need to call this function inside *getFilteredCommentData* function

suggestedBadLevel returns level based on following rules:

if totalBadWords == totalWords badLevel is 1

if totalBadWord < totalWords for 2% - 19% badLevel is 2

if totalBadWord < totalWords for 20%-39% badLevel is 3

if totalBadWord < totalWords for 40% - 59% badLevel is 4

if totalBadWord < totalWords for 60% - 79% badLevel is 5

if totalBadWord < totalWords for 80% - 99% badLevel is 6

if there is no bad words badLevel is null

After geting data from *getFilteredCommentData* insert data in *comments* table and after that in *bad_words* table if there were bad words

For every function you need to define **PHPDoc** and proper type of parameters and return value in functions

Help:

https://www.php.net/manual/en/function.str-word-count.php

https://www.php.net/manual/en/function.str-repeat.php