

This task needs to be completed using a text-redactor or IDE (e.g., Visual Code). **Before you start your lab task, please fully read this specification!** You are strongly advised to refer to lecture materials. The tasks specified here should be completed using PHP over a Web server, preferably *enos.itcollege.ee*.

Before you start

Establish a new lab folder (e.g., *Lab5*) for your lab in your web folder (*public_html* on enos), where you place all the files connected to this task.

Implement PHP program: Registration form

Create a new PHP file in your lab folder.

1. Implement a simple HTML form in the previously created PHP file, which allows to capture the following user input for a registration form:
 - First, middle, and last name – first and last name are required, as input elements;
 - Salutation (e.g, Mr, Ms, Mrs, Sir, Prof, Dr, ...) – as a predefined selection, as an input element (try the types radio, checkbox, datalist), or as a select element;
 - Age – required, must be greater than 17, as an input element with type number;
 - E-mail address – needs to be valid and is required, as an input element (select appropriate type);
 - Contact phone – optional, as an input element (select appropriate type);
 - Date of arrival – required, as an input element (select appropriate type);
 - Plus any other information you find necessary to be included

Each input must have a label associated with it.

Whenever *required* is listed, it means the input data must be validated using HTML5!

2. Implement a PHP script for the following flow:
 - a) When the user presses the *Submit* button, the validity of the fields is checked with HTML5 built-in methods.
 - b) When the form is valid, it is submitted to the server to a PHP script. For simplicity, it can be submitted to the same script. Method of submission: POST.
 - c) Submitted data will be written into a text file, where each row represents one registration entry. If the file does not exist, it will be created by the script. Choose an appropriate separator for the fields, e.g., tab, semicolon, etc. Should there be problems with file writing or writing to a file, check permissions (chmod).
 - d) After the data is successfully stored into text file, the data is displayed on the screen with registration confirmation.
3. Implement another PHP script that will (over the web browser):
 - a) Show the number of registration entries;
 - b) Allows to download the text file with registration data.

The “look and feel” of the solution is up to you to decide!

Keep it simple and focus on requested functionality!