

Internships Projects Homework 3: PHP Forms

References

Get documentation on PHP at the following web sites:

<http://www.php.net/manual/en/>

<http://www.php.net/manual/ru/>

http://10.10.0.20/~j_kazarian/php/phpNotes.htm

Assignment in General

Write the following web pages:

- An HTML form.
- A “splash” page that loads the form.
- A “validate” page that checks the form.

The form page must be HTML only, no PHP. The “splash” and “validate” pages should be written in PHP.

Details

HTML Form

Write a form similar to the following:

Անուն:	<input type="text"/>
Փոստ:	<input type="text"/>
Բնակավ:	<input type="text"/>
Հեռախոս:	<input type="text"/>

Այն

Splash Page

The “splash” page doesn't do much except load the form using a PHP function.

Validate Page

The “validate” page does most of the work. Basically these are the steps:

Inspect all of the fields in `$_POST` and verify the values are correct.

If everything is correct, print a message confirming the information.

If a field is incorrect, print an error message for each infraction, then reload the form.

Specific Requirements

Confirmation Message

The confirmation message should look something like this:

Շատ Շնորհակալություն:

Անուն: Jason Paul Kazarian

Փողոց: Varpetats 176

Քաղաք: 3104 Gyumri

Հեռախոս: +374 77 31 59 56

Validation Rules

Check that all of the following are true:

- Name (անուն) contains at least two tokens (strings separated with a space character).
- Street (փողոց) contains at least two tokens and ends with a numeric token.
- City (քաղաք) contains at least two tokens and begins with a numeric token.
- Phone (հեռախոս) is at least nine characters long, starts with a '+' and contains only 0-9, '.', '-', or ' '.

Note that the “validate” page must print an error message for **each and every** violation of the above rules. So if a user clicks Այն without entering any data, the “validate” page would display four error messages and load the form again.

Hints

See the end of phpNotes.htm for information about loading sub pages into a master PHP page.

The `while` or `for` loops will be very useful.

Think about writing a function to test each field according to that field's own validation rules. It's then easier to separate the programming problem into logic and function.

The form's action target is always the “validate” page, so the same file can be included in the “splash” page without modification.

Use `trim()` to remove white space before and after each field. Use `strtok()` to break a string into tokens. Use `strstr()` to find a specific string within another string. Use `substr()` to get a substring from a string.

There are several variable type test functions, too. Also look up regular expressions in the PHP manual function reference.