

Advanced Internet Technologies

Lab Sessions

Lab Exercise 12

- HTML5
 - Create an HTML5 form to register in an event called form.html. The form action is called registration.php, and the method should be GET. The form should include:
 - First name*
 - Last name*
 - Email*
 - Phone*
 - Organization
 - Address*
 - URL Homepage
 - City* (to choose between Bolzano, Bressanone and Brunico)
 - Zipcode*
 - Payment mode* (choose cash/paypal/credit card)
 - Total to pay* (not less than 10 Euro, no more than 150 Euro)
 - Start date
 - Favorite Color

Lab Exercise 12

- HTML5
 - Each field must be properly labeled and must have a reference name
 - Where convenient, use placeholders to hint the format or value
 - Users can submit more than 1 email address
 - The form should be validated
 - Fields marked with * are required
 - All input fields should be set according to their type (url, phone, text...)
 - The form should not submit if the above conditions are not met
 - Deploy this file in your Apache server
 - Try your form, and see how the HTML5 fields validate
 - Upload your code and report

Lab Exercise 13a

- HTML5 + PHP
 - Create the file registration.php
 - Create the necessary php class to extract the passed parameters using the reference name
 - Hint1: use **parse_url** to get an array with the different parts of the URL, and extract the GET string from the array, then use **parse_str** to get an array with the members and values of the GET string.
 - Hint2: use `$_SERVER["QUERY_STRING"]`
 - Hint: use `$_GET[n];`

Lab Exercise 13a

- HTML5 + PHP
 - With the available values, create an HTML5 article that has the following structure:

```
<article>  
  <header> put something here... </header>  
  <section>  
    Print here all the obtained values values  
  </section>  
  <footer> put something here ... </footer>  
</article>
```
 - Deploy the PHP file in the Apache server and try it.

Lab Exercise 13b

- HTML5 + Servlets
 - Repeat verbatim the exercise 12 but now using a servlet.
 - That is, your form should target /Registration (configure it in web.xml)
 - Implement in Java the query string management.
 - Hint: `HttpServletRequest` and `getQueryString`
 - Deploy it as a Tomcat application

Submission

- You can choose using PHP or Java or both
- write one report
- submit **one pdf file** through OLE