

Server side programming : PHP

IDE installation: Atom (Compulsory)

1. Install the Atom IDE using the command line in the terminal of your Ubuntu

1. Update your system

2. Configure the official repository with the command below:

```
sudo wget -qO - https://packagecloud.io/AtomEditor/atom/gpgkey | sudo apt-key add -
```

3. To add the repository to your sources.list.d

```
sudo sh -c 'echo "deb [arch=amd64] https://packagecloud.io/AtomEditor/atom/any/ any main" > /etc/apt/sources.list.d/atom.list'
```

3. Update your system again to install the latest version of the IDE

4. Install the *atom* package

5. Launch Atom IDE by typing in the terminal *sudo atom*

Develop a Form

2. Create a **clientForm.php** file in your user directory /home/youruser/myweb

3. Program a web page that is a form in clientForm.php with the requirements as follows:

0. Develop your code in standard HTML5 and PHP7

1. The web page is a client registration form in a Hotel in Balearic area and the information below has to be in:

1.1. Window title with the hotel name

1.2. Title in the <head> section with the hotel name

1.3. Title in the <body> section with the form login name using headings <h1>

(for instance: "client registration form or register to become a client ")

1.4. Type text controls to input in the system:

Client name

Client surnames (2 surnames in the same text control)

Age (number)

Email address

Country where you come from

Date when you check in

Date when you check out

Deposit in € (number)

Tip: (amount of money to book your room)

* Deposito de dinero que se hace para reservar la habitación

1.5. Option controls to input in the system the gender

Female

Male

1.6. Select control to input in the system the room type is interested in:

Single

Double: king size

Double: 2 beds

Triple

Quadruple

1.7. Checkbox control to accept the data protection policy

2. Create a **form** control that includes all input data controls in the 2 point and send the page to a formValidation.php file when the user click on the submit button. Use the right method not to show all parameters in the url.

Tip: `<form method="xxx" action="xxx"></form>`

Tip: Include a submit button inside the form control for the client to press.

Validate a Form

3. Create and develop php function/s in **formValidation.php** file to validate data typed by user in the input controls following the instructions bellow:

3.1. All controls are compulsory. That means client has to type data in all controls.

3.2. Client has to type 2 surnames (2 words splitting by a space character)

3.3. Client has to type numbers in the controls that required it. Also it cannot be characters in controls where the client has to type numbers.

3.4. Date when the client check in has to be later than today

3.5. Date when the client check out has to be later than check in date

3.6. Deposit has to be greater than 100

3.7. Show the deposit in € and £ currency. To convert euros into pounds multiply by 1,17.

3.8. All function/s have to show a message in the screen with one of the labels bellow:

a) Control label: correct

b) Control label: incorrect (instructions to type correctly the data)

For example: a) Surnames: correct

b) Surnames: incorrect (type 2 surnames, please)

Show the information from a Form

4. Show in the screen the content of every single control filled by the client. Use a for each loops to show information selected in the select and option controls.

Information and data to send in the task delivery:

(compulsory)(1p) 5. clientForm.php

(compulsory)(3p) 6. formValidation.php

7. Screen captures of: (pdf)

(Compulsory)7.1. Atom IDE installation: commands and screen captures

(1p) 7.2. your work space in Atom IDE and virtual machine

(Compulsory) Create the files using the terminal line.

7.3. your login registration web pages working in your browser pointing to your web

Tip: Apache web server must be up and running.

(1p) Input data section

(must be congruent / match the clientForm.php code)

(2p) Validation messages

(must be congruent / match the formValidation.php code)

(2p) Show information from your registration form

(must be congruent / match the input data section)