

Learn2Code Documentation

Learn2Code idea comes from a conversation with a friend of mine some time ago. He had the idea to create a web application to help freshman students how to code. He worked as a tutor on his university and he felt that some of the tools available are not enough, and sometimes complicated to some students. Another complication is the language barrier, most of these sites are available only in English and students from countries that doesn't have English as the main language usually struggle even more to learn.

Learn2Code is composed by 8 pages:

- **Home**
- **Learn**
- **Practice**
- **Bookmarks** *[Only available to logged in users]*
- **Editors** *[Only available to users on the "editors" membership group]*
- **Sign Up / Log In**

In order to help testing the project, two users are already created:

user:	jefferson@learn2code.com
pass:	123456
role:	regular user
user:	lucas@learn2code.com
pass:	123456789
role:	editors

In the next sections some of the website features will be explained.

In the menu bar, the link **BOOKMARKS** is shown only to logged in users, and **EDITORS** only to user which are members from the **editors** group.



In the Learn and Practice pages, the **menu on the left is dynamic** is it's filled as something new is added to the data base. The **SAVE** button is presented only to logged in users and it intends to save the content into the user's BOOKMARK. The **EDIT** button is presented only to editors group members and redirects the user to a page to edit the content.

LEARN C/C++
1. Introduction to C++
2. Hello World!
3. Basic Systax
4. Operators in C++

Practice C/C++

Basic Operations


Language: C/C++

Difficulty: 1

Save button

Edit button

In the BOOKMARKS page, all the saved lessons and practices are presented. This page is accessible only by logged in users. The user can exclude a bookmark by clicking in the **X** icon.

Learn Bookmarks		
Language	Topic	Delete
C/C++	2. Hello World!	

Practice Bookmarks		
No practices found.		

The EDITORS section counts with two sections: LESSON and PRACTICE, each one of them gives the possibility to create new content. It's possible to select the programming language, difficulty level, enter with a topic and create a tutorial or exercise with text formatting and code formatting thanks to CKEditor. The forms counts with validators and are well formatted and designed.

learn2code	HOME	LEARN ▾	PRACTICE ▾	BOOKMARKS	EDITORS ▾	WELCOME LUCAS ▾
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LESSON

PRACTICE

Create a new Practice

Use this form to create a new Practice and publish it.

Language

C/C++ ▾

Difficulty

3 ▾

Topic

Title

Prerequisites

