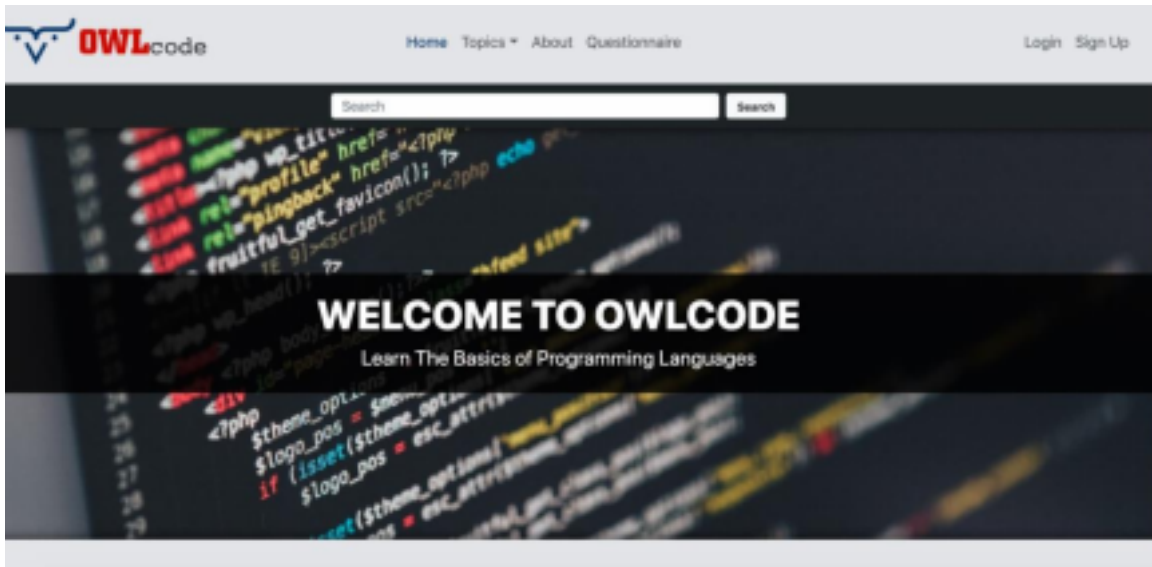


SYSTEM OPERATION

To access OWLcode, please click this link here or copy and paste into your browser of choice:

<https://lamp.cse.fau.edu/~f2020team13/OWLcode/index.php>

Upon entering our site, you will be greeted with a welcome message:

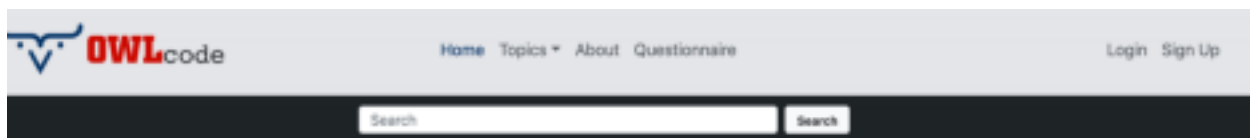


If you scroll through our home page you can find our about us section with a brief overview on what we are about and what we look to accomplish.

Below that, there is a section that lists what programming languages we offer and a brief description of what they are.

FEATURES

OWLcode has some great features to help enhance the user experience. From the top, we have a menu bar that includes what topics are available which will lead you directly to the programming language of your choice, an about section, and a questionnaire. There is also a login and sign up section to the right of the menu bar.



The questionnaire provides the user three questions and gives a recommendation on what programming languages to start with, depending on the user's answers.

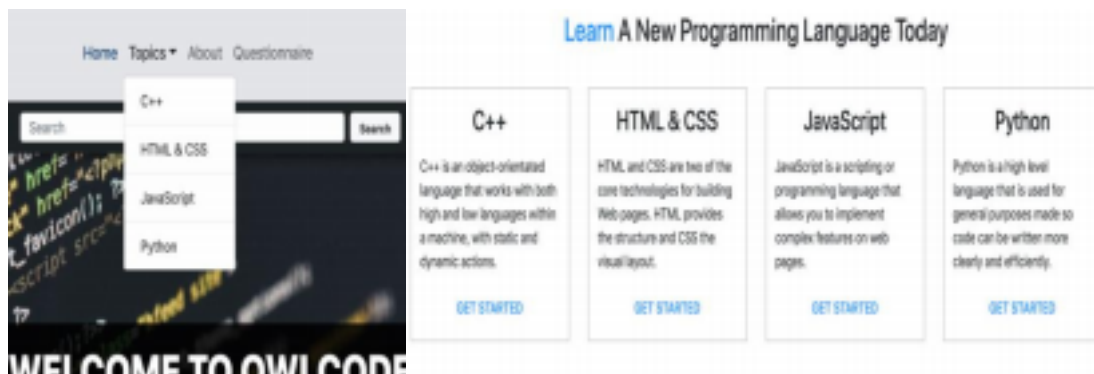
Questionnaire: Find Where to Start

What are you interested in?

[Web Design](#)
[Object Oriented Programming](#)
[Application Design](#)
[No Preference](#)

Question 1 of 3

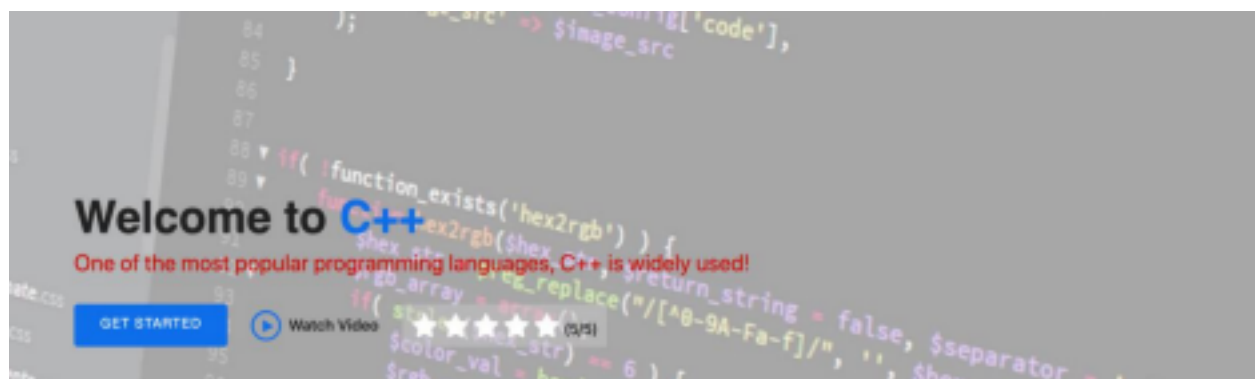
If you already know what programming language you would like to learn then you can access via. The drop-down menu or on the homepage at what programs are provided



From each programming language, the template and navigations are the same, here are the features you will find from each section:

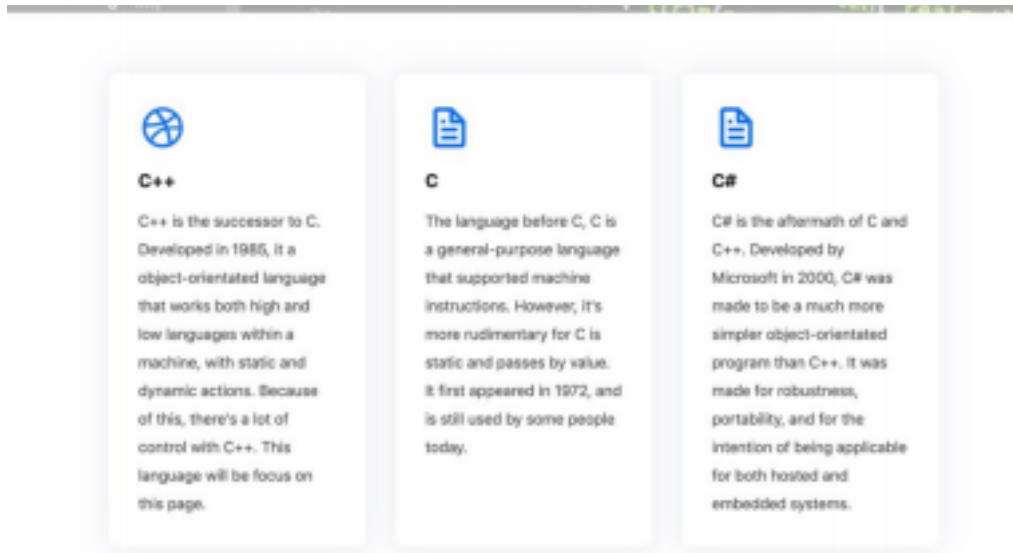
WELCOME

Using C++ language as an example, you will be welcomed with a nice introduction of what the topic is and you can choose to watch a brief introduction on your selected language and also a rating system is also implemented.



BRIEF OVERVIEW

From here you will be given what language(s) that are in this section and a brief introduction on what they are and their history.



EXAMPLES

We provide some basic examples and breakdown of what the language provides.

cout << "HELLO, WORLD!" << endl;

The start into your C++ Journey!

An object-oriented language that really helps!

```
#include <iostream>
using namespace std;
int main()
{
    cout << "Hello World!";
    return 0;
}
```

```
Hello World
...Program finished with exit code 0
Press ENTER to exit console.
```

What am I looking at?

You're looking at a basic function in C++ to output words into the terminal from the compiler.

Let's break it down:

`#include <iostream>` : Allows us to read or write to an input/output stream. Tells the computer to use this directive in the header files.

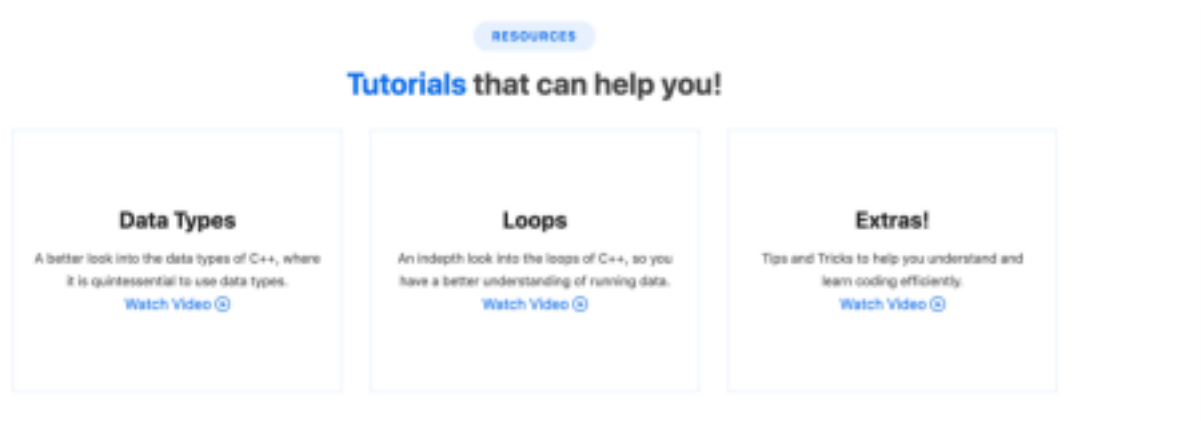
`using namespace std;` : Allows group entities under a name. Sets up variables and such.

`int main ()`: The function means that our function, our area of operation, needs to return some number by the time it is done.

`cout << "Hello World!"` : The element and operator that has the terminal display "Hello World!" when we run the program.

RESOURCES

Our team has gathered some of our favorite tutorials on YouTube that we think would help with your coding journey.



OUTRO

Thank you for taking your time and checking out our project OWLcode and we hoped that this has been a pleasant user experience for you. We would like to thank Dr. Bullard for the opportunity to create and develop this semester for Principles of Software Engineering.

Lastly thank you to our team of student developers:
Raphael Valente, Eric Thach, Tanis Anderson, Patryk Wysocki, and Bellinda Lominy.