Development Environment Configuration

We are going to use browser-based development environment, named *Replit*, that is Unix/Linux based. This environment allows you to write your code using a regular web browser, without having to install any software on your computer. Also, your files are on the cloud, so they can be accessed from anywhere.

Please follow the steps listed below to create your account and create a sample program:

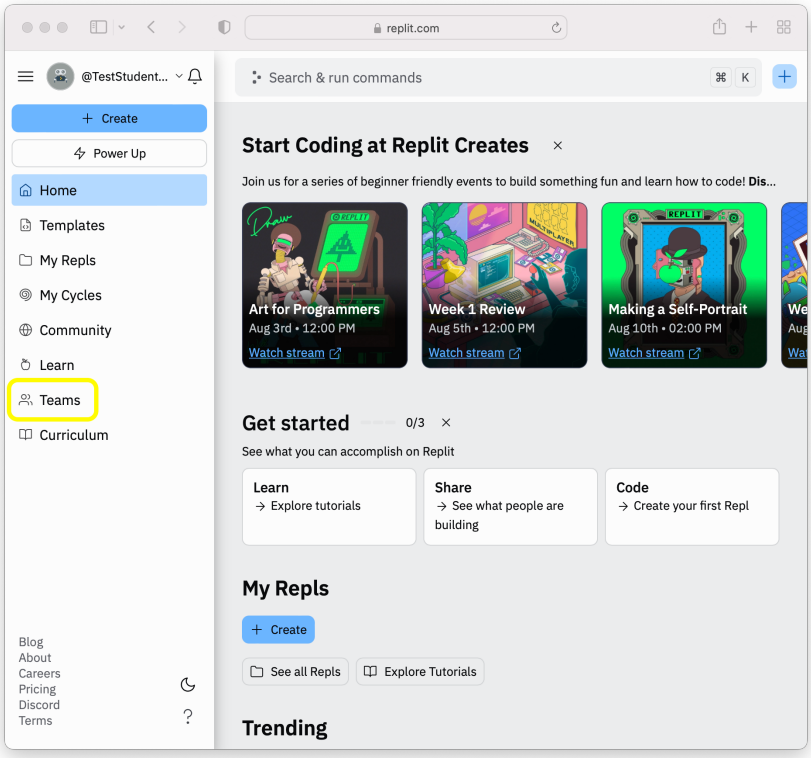
1. Open your web browser.

2. Watch the "Getting started with **Replit**" video at the following link:
   https://youtu.be/ZAC0TQEU5gI

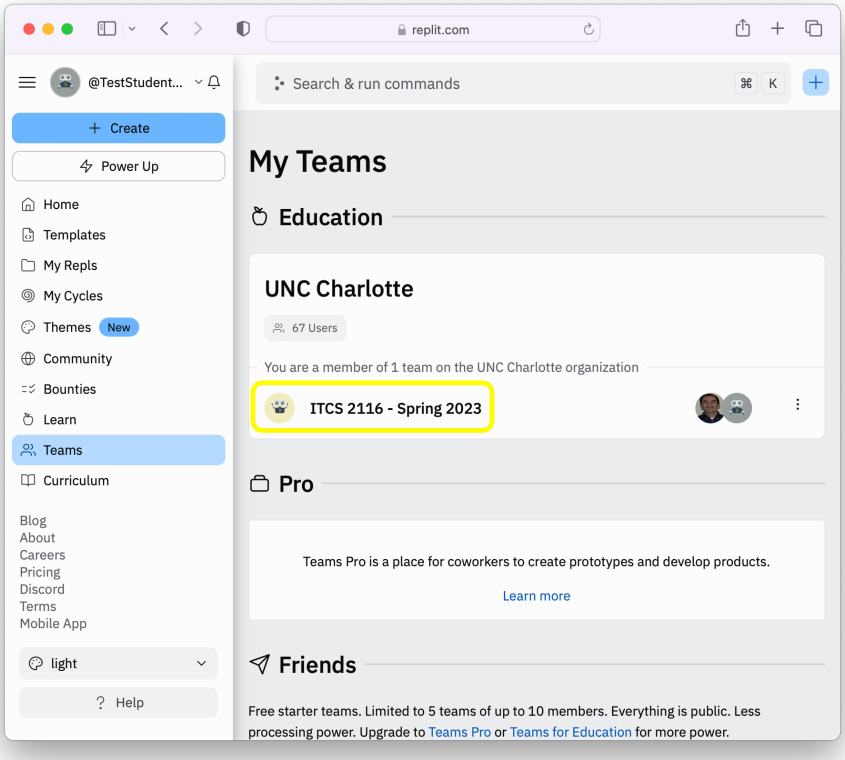
3. Copy-paste or follow the invitation link provided below.
   https://replit.com/teams/join/lawzgeusxbyztukbzdwestbycrzzwuuo-itcs-2116-spring-2023

   You will be prompted to create a new **Replit** account. If you already have an account, you may use it for the course.

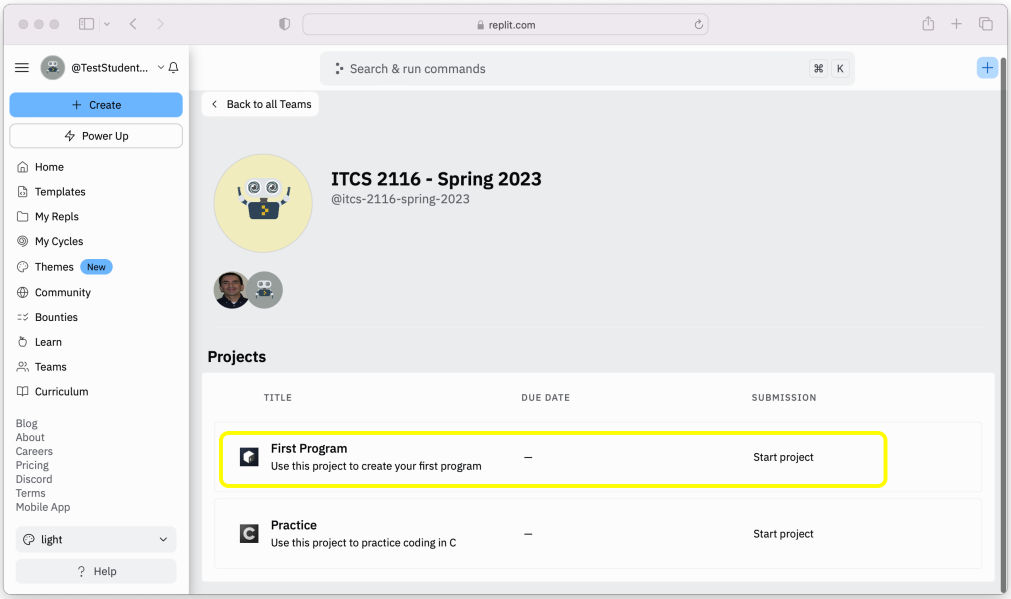
4. On the navigation bar on the left, click on the **Teams** link.



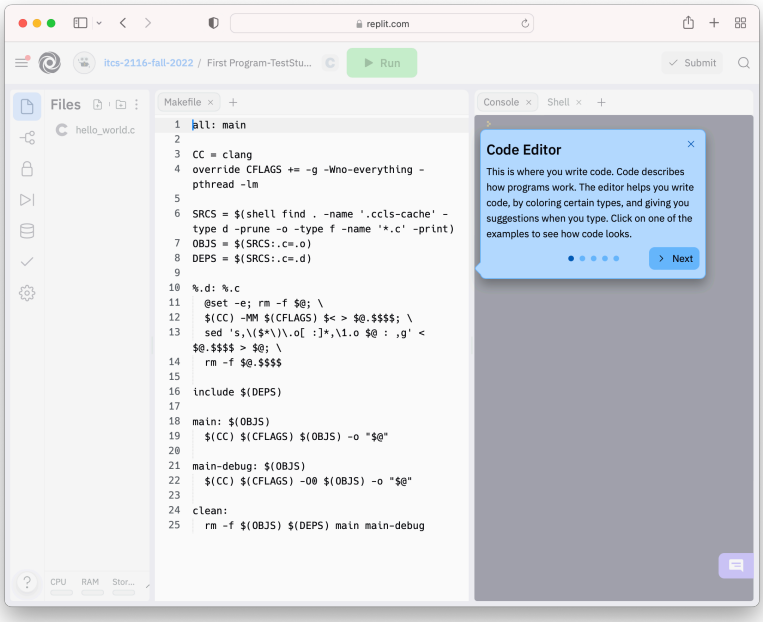
5. You should see a team for this class and term, named **ITCS 2116 - Spring 2023**. You have already been placed on this team. Click on the team link for this class.



6. You should see a couple of projects. Start the project named "**First Program.**"



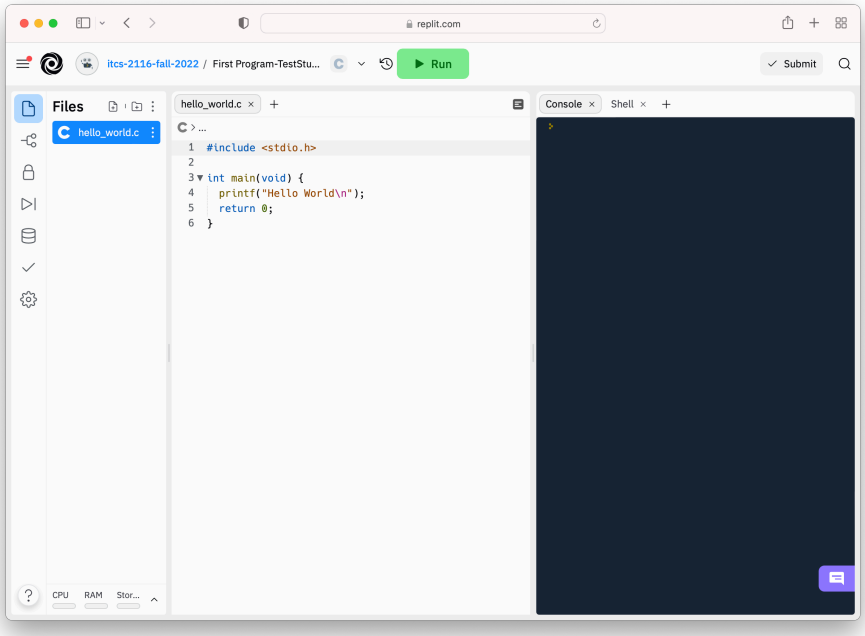
7. Click on **Start project**. You should see the Code Editor window, shown below. You will use this editor to practice coding and work on your programming assignments.



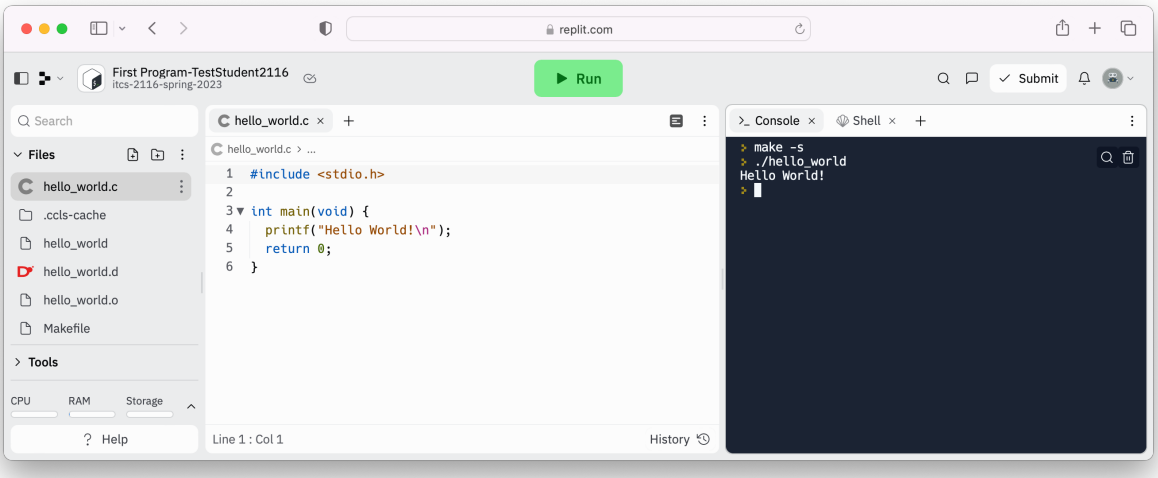
8. Follow the prompts and make sure to **read the explanations carefully**.

9. Click on the file named `hello_world.c`

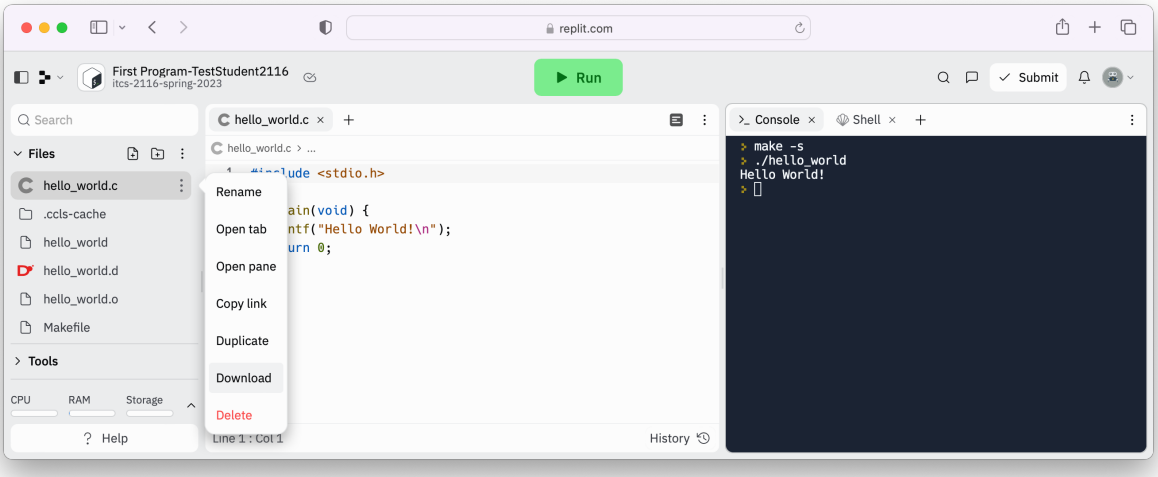
10. You should see a short *C* program, as shown below.



11. Run the program and look at the output. You should see the message “Hello World!” displayed on the console.

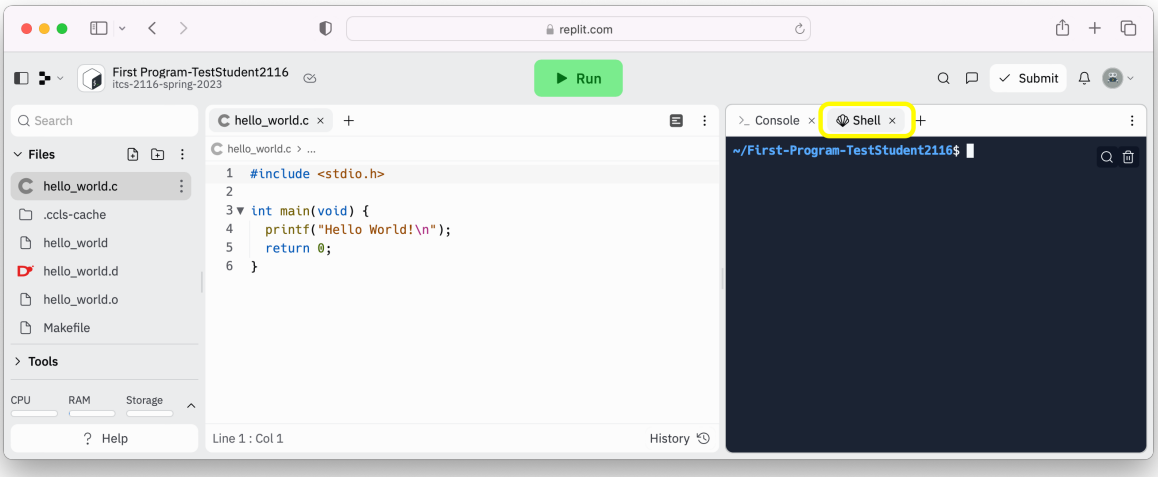


12. Download the program code file to your computer. To do this, right-click on the file name, as shown below.



13. Upload the `hello_world.c` file to Canvas, as indicated in the assignment.

14. Click on the **Shell** button to open the command shell.



15. Type the following command and press **Enter/Return**:

```
./hello_world
```

16. Make a note of the output produced when this command is executed.