

JavaScript Console App Quickstart Guide

JavaScript



What is the JavaScript Console App?

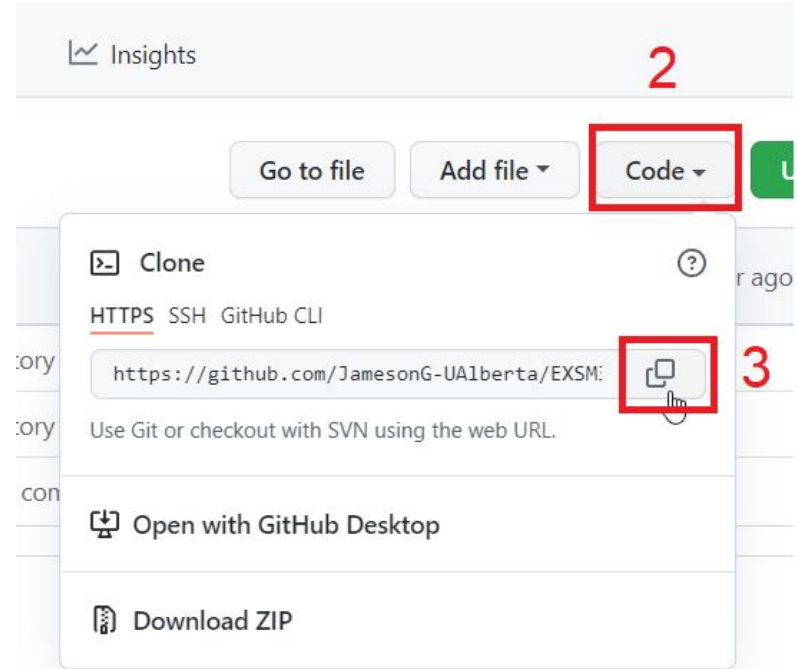
The JavaScript Console App is a way for students to experiment with JavaScript code without the requirement of the installation of an IDE (integrated development environment). If any bugs are found during use of this console, please notify your instructor immediately.

Getting Started

Getting the Cloning Data

In order to clone the repository, we must first get the required data.

1. Go to the repository:
<https://github.com/JamesonG-UAAlberta/exsm-3935-browser-console>
2. On the repository, click on the code button
3. Click on the overlapping squares button to copy the URL required for cloning



Cloning the Repository

After we have the cloning URL, we must then get the files from GitHub to local.

1. Open a terminal on VS Code
2. Navigate to your desktop
3. Use the command: `git clone`
<https://github.com/JamesonG-UAlberta/EXSM3935-Browser-Console.git> (since the link is already copied to your clipboard from the previous step, you can simply type “git clone” then copy the link; remember to leave a space between “clone” and the link!)
4. Your desktop should now have a folder named “EXSM3935-Browser-Console”, this is the JavaScript Console App

Working with the Console App

Opening the Console App

1. On your desktop open the folder named "EXSM3935-Browser-Console"
2. In the folder "EXSM3935-Browser-Console", navigate into the folder "src"
3. In "src" click on the file named "index" or "index.html"
4. A browser window should open with the console app

Using the Console App

Features of the Console App:

1. On the left top corner of the console app page, there are three buttons labeled "Tt", these buttons serve to change the appearance of the console app
2. To enter user input, simply type your input into the black box and press "enter"
3. If you type "Exit", the console will terminate; to restart the console, you must refresh the page, or press F5, or close the web page and relaunch "index.html"

Editing Code for the Console App

1. Open the folder containing the console app in VS Code
2. Open the "src" folder, then "js", then "scripts.js"; scripts.js is where you will be writing your code
3. Write your code in the main function

```
1  async function main() {  
2      // This is where the code you're actually experimenting with goes.  
3  
4      let prompt = "Please enter your name, or 'Exit' to quit: "  
5      let name = await input(prompt);  
6  
7      while (name !== "Exit")  
8      {  
9          output("Hello, "+name+"!");  
10         name = await input(prompt);  
11     }  
12 }
```

Your code should not be outside of this red box.

Other Notes Regarding the Console App

1. Every time your code is changed, the console app must be refreshed for your changes to take effect; this is also true if you want to restart your script
2. Samples of printing to the console and obtaining input are provided in the repository “scripts.js”. All other JavaScript syntax/keywords (decisions, loops, etc) behave just like everywhere else.
3. All other files, with the exception of “scripts.js” should remain untouched! Feel free to read over the other files, but do not make any changes to them.