

Coding for Good 1: Coding Basics

Complete the five steps to earn your Coding for Good 1 Badge.

1. **Learn about functions and arguments:** Functions help to tell your computer what task needs to be completed. Arguments help to define the task more clearly and provide specifics.

For example: The function could be to tell the computer to make a cookie. This is where we would add an argument, in this case “chocolate chip” to let the computer know the function is to create a cookie and the argument is that the cookie needs to be chocolate chip.

You can practice using functions and arguments using the following [tutorial](#).

2. **Explore how memes are created:** Memes have become an essential method of communication. Explore this [memes](#) tutorial and try your hand at creating your own. Remember your meme should be appropriate, humorous, and maybe even Girl Scout related.
3. **Write pseudocode for a meme:** A pseudocode is used by computer programmers when they want to test their code to be sure that it will work effectively. Unlike the actual code entered into the computer, the pseudocode uses human friendly language. For example, a computer programmer might write out step-by-step instructions that clearly explains each symbol used in the code to be sure that the computer and the person entering the code will be able to understand and follow it.

Try your hand at creating your own pseudocode for a meme. You will want to break down the creation of your meme into clear, concise steps that anyone can follow. Be creative and let your imagination soar!

4. **Write shareable code:** Now that you have created your own meme, challenge yourself to build a short tutorial video. Your video should show others how you came up with your idea and the process of building your meme code.

5. **Share your meme:** Share your memes with us by tagging GSCWM on social media. We would love to see some creative Girl Scout memes!