

# Coding Skills Check-In

1. Complete the W3Schools HTML Quiz:  
[https://www.w3schools.com/html/html\\_quiz.asp](https://www.w3schools.com/html/html_quiz.asp)  
Take a screenshot of your result!
2. Complete the W3Schools CSS Quiz:  
[https://www.w3schools.com/css/css\\_quiz.asp](https://www.w3schools.com/css/css_quiz.asp)  
Take a screenshot of your result!
3. Complete the W3Schools Javascript Quiz:  
[https://www.w3schools.com/js/js\\_quiz.asp](https://www.w3schools.com/js/js_quiz.asp)  
Take a screenshot of your result!
4. Make a simple HTML file with a rectangular image in it. Use a .css file to round the image. The goal is to have an image that looks like the following:



5. Make a webpage that's a copy of the Google homepage. Only appearance is important, links and search does not need to work. (**Bonus** if you have time: make it responsive for mobile)
6. Create an HTML file with a form with all the input types that you know. When you submit, it should display all the information that was put in. (This question is vague on purpose. Surprise us!)
7. In the assignment in the Google Classroom, you will find 5 Javascript files with functions. Find and fix the errors in these functions so they do what is described in the comments.
8. A palindrome is a word or sentence that is written the same forward and backwards. Punctuation and spaces between the words or lettering is allowed. Here are some examples:
  - ★ Otto
  - ★ Eva, can I see bees in a cave?
  - ★ No lemon, no melon

Describe in words how you would write a program that can detect Palindromes. Make sure to write out each step clearly. Additionally, write a Javascript program that can detect palindromes.

9. Write a program, MarcoPolo, which does the following:

- ★ Prints the numbers from 1-100 except:
- ★ For multiples of five, print “Marco”
- ★ For multiples of seven, print “Polo”
- ★ For multiples of five and seven, print “MarcoPolo”

Describe in words how you would write such a program. Make sure to write out each step clearly. (**Bonus** if you have time: write a Javascript version of this program)

### **Submission instructions**

Make a folder for each question, and put your answer to each question in its folder. Make a ZIP file containing all of your folders, and upload that here in the Google Classroom!