

Web Client-Side Programming – Homework 7

Objects

Description

For this assignment we will create a simple dice rolling web application using JQuery UI, JQuery, and Objects.

Specifications

- Starting with the HMTL template on Canvas.
- Create a web application that allows the user to select the type of die to roll (use a drop down).
- Possible types are: D4, D6, D8, D10, D12, D20
- Create a Spinner to allow the user to roll between 1 and 20 die.
- Create a Die class that contains the number of sides and a method to “roll” the die and return the value of the roll.
- Display the result of each roll as well as the max value rolled, and the min value rolled.
- Make sure you use JQuery UI buttons on the form.
- When you display the results, make sure you also display an image of the chosen die type.

Documentation

You will need to create a document (.docx, .rtf, .pdf) which contains the following:

- A screenshot of your page running on your local webserver. Your screenshot needs to include the address bar with the localhost url and show all the validation messages.
- DO NOT forget the JSDoc
- You will need to validate the index.html (link on Canvas) and include a screenshot of the successful validation (Green Bar).

What to Submit

You need to submit your index.html, CSS file, and your external JS file along with your Document. Make sure your document is in the correct format and includes your name.