**Part 4 Written Questions (50 points)**

**Copy these five questions into a new Word document and answer them in long-form.**

1. Describe how HTML fits into the broader ecosystem of a website. Contrast the fundamental role of HTML with the primary roles of CSS and JavaScript. (5 points)

1. Explain the difference between HTML structure and HTML semantics. Why is writing semantic HTML considered a best practice? Provide one example of a semantic HTML element and one example of a non-semantic element. (10 points)
2. What is the "three-tier model" (also known as three-tier architecture) in web systems? Briefly describe the function and responsibility of each of the three tiers. (15 points)
3. Explain what is meant by a Universal Interface in a REST API. (5 points)
4. Explain how your browser chooses which CSS rule to apply to a tag in the case where there are multiple rules that could apply. (15 points)