

Week 01 Practice Quiz

CSCI 40

Fall 2026

LLM evaluation

2026-08-26

Re-evaluation pending after quiz-bank corrections.

Total Score: /4

Printed Name:

Quiz rules:

1. You MAY use any printed or handwritten notes.
2. You MAY NOT use a computer or any other electronic device.

NOTE: Your real quiz next week will have only 4 questions. This practice quiz has many more, so that you can get extra practice. There are two problems, each with its own HTML on the page after its selectors.

Problem 1. The Summit Snack Club is planning a sunrise hike. Write the number of HTML elements selected by each CSS selector below when applied to the hiking page labeled “HTML for Problem 1.”

1. p 2
2. .bold 2
3. p.bold 0
4. p .bold 0
5. p, .bold 4
6. #top 1
7. h1#top 1
8. div#top 0
9. img#header 0
10. #header, #top 2
11. h1 p 0

12. `h1 span` 1

13. `li span` 0

14. `body span` 3

15. `body > span` 0

16. `h1 > span` 1

17. `h1 + p` 1

18. `p + h1` 0

19. `h1 + span` 0

20. `h1 ~ p` 2

21. `p ~ h1` 0

22. `h1 ~ span` 0

23. `p ~ p` 1

24. `p + p` 0

25. `[src="top-image.png"]` 1

26. `[src="https://www.rtealwitter.com"]` 0

27. `[class="bold"]` 2

28. `a[class="bold"]` 0

29. `a[href="https://www.rtealwitter.com"]` 2

30. `h1 ~ *` 5

31. `h1 ~ p > span` 1

32. `h1 ~ p > span, a[href="https://www.rtealwitter.com"]` 3

33. `blockquote ~ *, span, p.bold` 6

34. `* > span, img` 5

HTML for Problem 1:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>Summit Snack Club</title>
6   </head>
7   <body>
8     <div id="header">
9       
10    </div>
11    <h1 id="top">Summit <span class="bold">Snack Club</span></h1>
12    <p>
13      <span class="italic">Saturday: Switchback Ridge.</span>
14      Meet before sunrise. Bring water and your finest trail mix.
15    </p>
16    <blockquote>
17      <span class="bold">Trail rule:</span>
18      Whoever says "almost there" has to carry the snacks.
19    </blockquote>
20    <p>
21      <a href="https://www.rtealwitter.com">Meet our trip leader</a>,
22      whose route descriptions include "mostly uphill."
23    </p>
24    <br>
25    <a href="https://www.rtealwitter.com">
26      
27    </a>
28  </body>
29 </html>
```

Problem 2. Caesar’s Crag Climbing Club has a new route to try. Write the number of HTML elements selected by each CSS selector below when applied to the climbing page labeled “HTML for Problem 2.” This page has a *different* structure from the hiking page in Problem 1.

1. `li` 4
2. `.bold` 7
3. `li.bold` 3
4. `li .bold` 1
5. `h2 + p` 1
6. `div > .bold` 2
7. `#body img` 1
8. `h1 div` 0
9. `h2 + li` 0
10. `img ~ li > em` 0
11. `#header > h1 ~ *` 1
12. `#body > * em` 3
13. `#body * em` 3
14. `#body *` 13
15. `.body .bold` 0
16. `ol em` 3
17. `ol > em` 0
18. `[src="caesar.png"] ~ *` 0
19. `h2 ~ *, .bold` 9
20. `div + *, h2` 3

HTML for Problem 2:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>Caesar's Crag Climbing Club</title>
6   </head>
7   <body>
8     <div id="header">
9       <h1 id="top">Caesar's <span class="bold">Crag</span></h1>
10      
11    </div>
12    <div id="body">
13      <h2>The Crag Report</h2>
14      <p class="bold">
15        Today's challenge: Caesar Salad, a route with
16        suspiciously small footholds.
17      </p>
18      <p class="bold">
19        The holds are colorful. Our excuses are more colorful.
20      </p>
21      <h2>Three Moves, Twelve Attempts</h2>
22      <ol>
23        <li>
24          
26        </li>
27        <li class="bold"><em>Find the tiny foothold.</em></li>
28        <li class="bold"><em>Try the move one more time.</em></li>
29        <li class="bold"><em>Celebrate with a snack.</em></li>
30      </ol>
31    </div>
32  </body>
33 </html>
```