Presentation

Colour

|	
Background	I chose a calming childish blue colour for my quiz because it gives the quiz a fun informal feel instead of being intense and intimidating.
Button	This colour stays with the blue theme of the quiz and creates an appropriate contrast to the background making it obvious that it's a button.
Button Hover	A lighter colour is used for when the button is hovered because it makes it obvious that the highlighted button is the button the user is about to select.

Layout
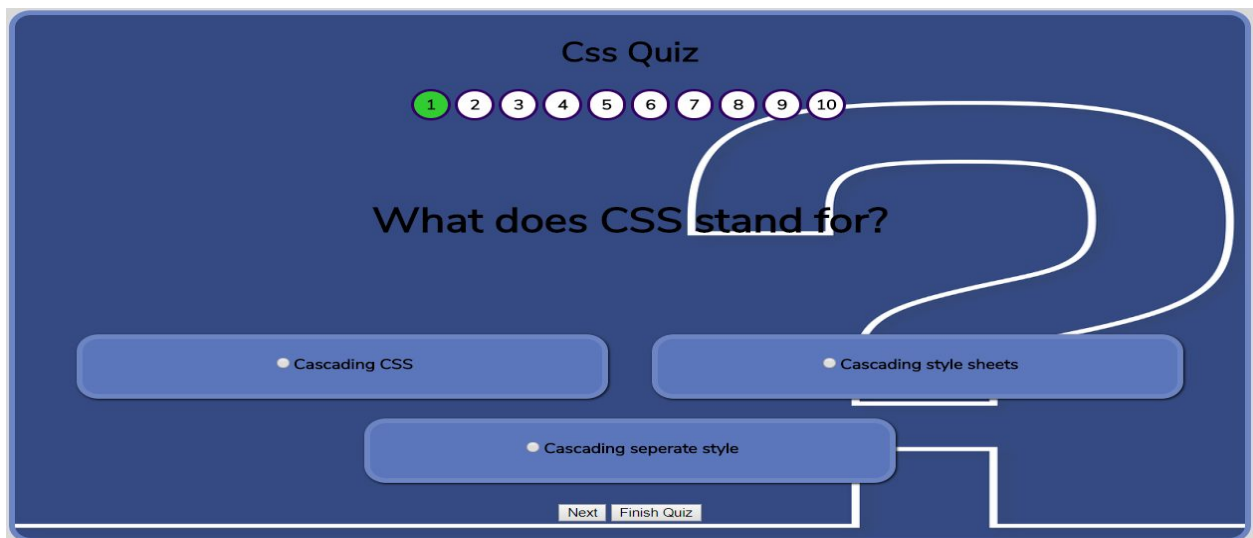
At the top of the quiz I have a question bar for easy navigation through questions and so the user can clearly see where they are in the quiz and how much they have completed.
The question is the most important part and is therefore in the middle so that it catches your eye first. I then have the answer buttons towards the bottom as they are the second thing read after the question. The next and finish quiz button are on the bottom of the page as they are the last thing used when answering the question.

Font - Nunito Sans

I chose this font because it is very clear and easy to read. It has a slightly informal look perfect for the theme I am going for with my quiz. It makes the user feel comfortable and not intimidated while taking the quiz.
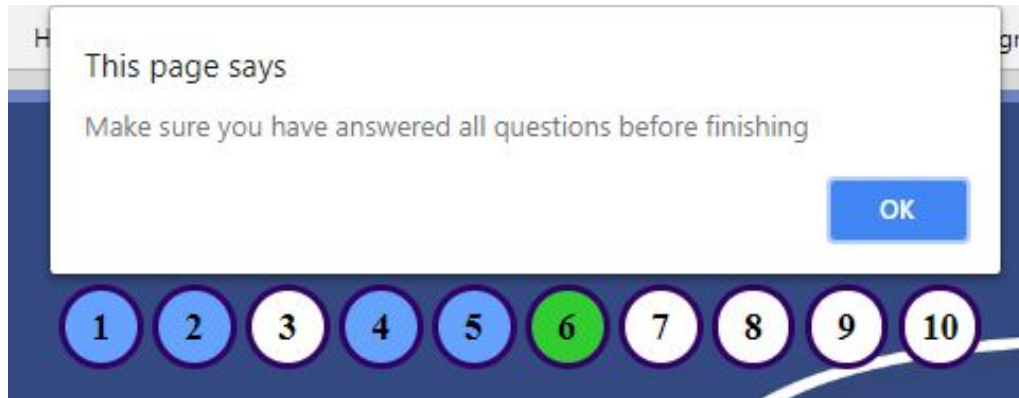
Testing

Submit answer without answering them all.

<u>Outcome:</u>

An alert is shown stating that all answers must be attempted before submitting.
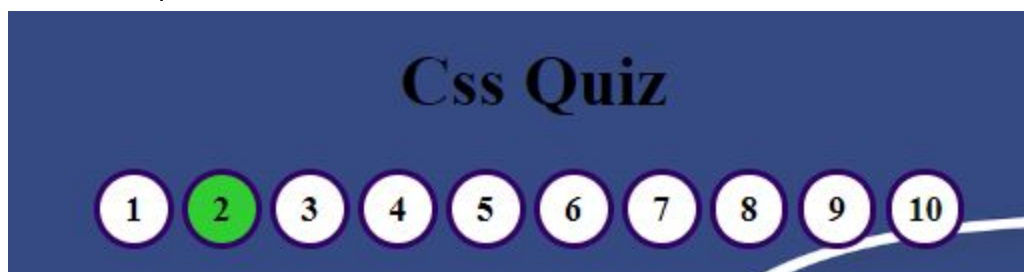

The user is then taken to the first unanswered question.

Clicking the next button without answering a question.

<u>Outcome</u>:

The next question is loaded and the question bar stays white indicating that their is no user answer for question 1.

When an answer is selected, it is highlighted and stays highlighted while switching between questions.

Outcome:

The background colour of the button is changed indicating it is selected. If I swap to a new question and then back to the answered question it will show me the saved answer by once again changing the background colour.

Selected.
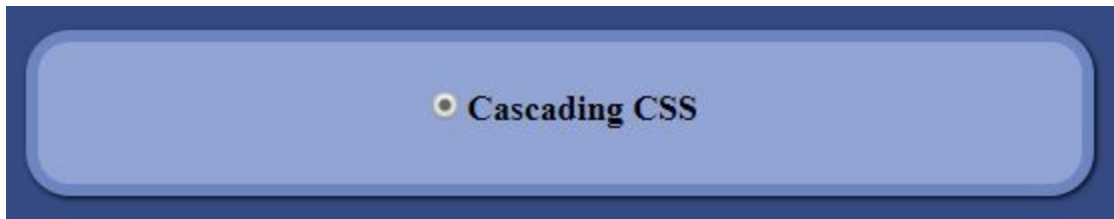
Not Selected.

When on question 10, the next button should disappear and only show the finish quiz button.

Outcome:

The next button successfully disappears and will reappear when switching back to a question that is not question ten.
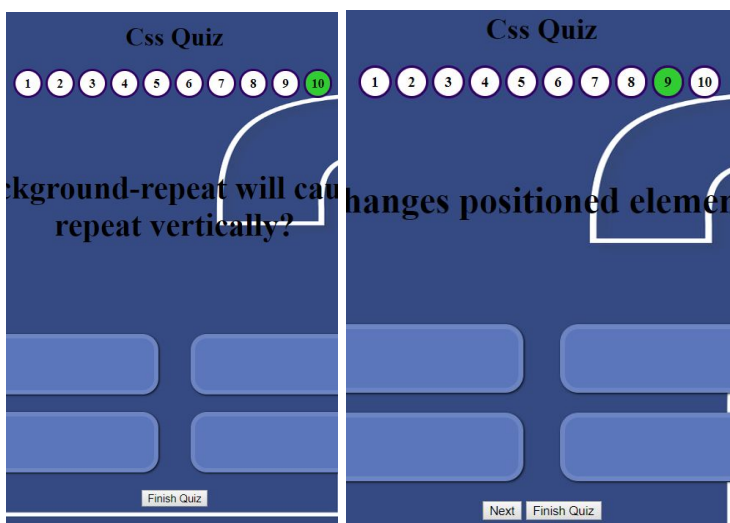
Clicking a number on the question bar takes you to the correct question.

Outcome:

Question bar hover correctly changes colour, after clicked the correct question is loaded and the background colour of the question bar is changed to show which question is active.

Before clicking

After clicking

Finish quiz button submits answers.

<u>Outcome</u>:

Answers all submit correctly. The results calculate correctly and displa

The Results Are In!

You scored 2 out of 10!

That is 20%

You got a E

What does CSS stand for?

✗ Cascading CSS   ✓ Cascading style sheets

Cascading seperate style
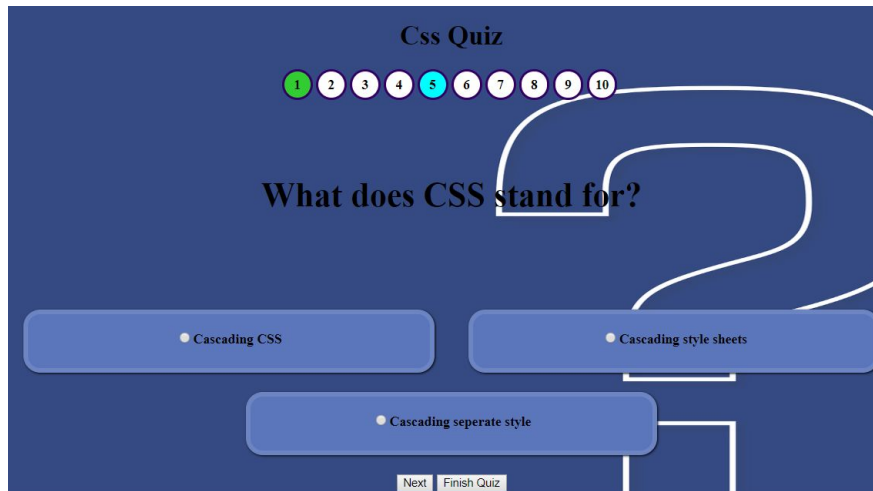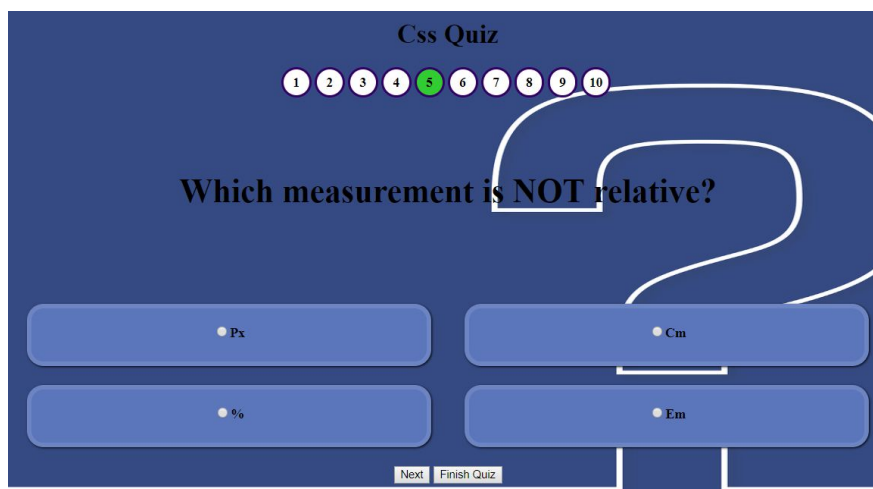
Which attribute can set text to bold?

✗ Text-decoration   Font Style

✓ Font weight

Which tag is used to link an external CSS file?

✗ Script   ✓ Link

Rel

Which attribute sets the underline property?

✗ Font style   ✓ Text-decoration

Font weight

Which measurement is NOT relative?

✗ Px   ✓ Cm

%   Em

Which measurement IS relative?

✓ Em   Cm

MM   Inch

What attribute is used to move an elements content away from its border?

Margin   ✓ Padding

✗ Border   Width

Which attribute does not contribute to a block elements total width?

✗ Width   Border

✓ Background-image   Padding

What property changes positioned elements display order?

Width   Background

✓ Z-index   Azimuth

Which value of background-repeat will cause a background to repeat vertically?

✗ Repeat-x   Repeat

✓ Repeat-y   No-repeat

Flow Chart of loadResultQuestions function

(PNG file in zip folder)

i = 0

i < amount of questions

— Yes →

Create relevant divs and elements for a question an its answers

No ↓

Loop is finished

if the correct answer is A — No → if the correct answer is B — No → if the correct answer is C — No →

Yes ↓ Add orange styling class to Answer1 div. Also add a tick image

Yes ↓ Add orange styling class to Answer2 div. Also add a tick image

Yes ↓ Add orange styling class to Answer3 div. Also add a tick image

Add orange styling class to Answer4 div. Also add a tick image

If user answer and correct answer equal A — No → If user answer and correct answer equal B — No → If user answer and correct answer equal C — No → If user answer and correct answer equal D

Yes ↓ Add green styling to Answer1 div

Yes ↓ Add green styling to Answer2 div

Yes ↓ Add green styling to Answer3 div

Yes ↓ Add green styling to Answer4 div

No

If user and incorrect answer equal A — No → If user and incorrect answer equal B — No → If user and incorrect answer equal C — No → If user and incorrect answer equal D

Yes ↓ Add red styling to Answer1 Div

Yes ↓ Add red styling to Answer2 Div

Yes ↓ Add red styling to Answer3 Div

Yes ↓ Add red styling to Answer4 Div

Add Answer text to answer divs 1,2 and 3 → If answer 4 text does not equal "blank" — Yes → Add answer text to answer div 4 → Append created elements into the question div → Append question div into the questions container

No