

MAS340 Week 4 – Synthesising Task

This task will synthesise elements of everything that we've covered to date:

Students will need to code HTML:

- 1 x <div> with the ID 'stage' with the following three <div>s nested inside:
 1. 1 x <div> with the ID 'red'
 2. 1 x <div> with the ID 'blue'
 3. 1 x <div> with the ID 'text'
- 1 x <audio> with the Alice in Wonderland file with the ID 'alice'

Properties of #stage

- 1200px wide
- 450px high
- horizontally centred on the page
- positioned relative
- 1px thick black border
- 50px from the top of the page

Properties of #red and #blue

- 50px wide
- 50px high
- background colours are red and blue respectively
- positioned absolute
- #red is 50px from the top and 50px from the left
- #blue is 50px from the top and 100px from the left

Properties of #text

- 500px wide
- positioned absolute
- 20px from the bottom
- 20px from the right
- background colour is black
- text colour is white
- text size is 18px

Properties of #alice

- Source is the Alice in Wonderland file
- Controls are not visible

jQuery

#red, #blue and #text are not visible on the page when it loads. It's up to you a) whether you set this via CSS or jQuery b) when you decide to show #text.

Using setInterval and your choice of either switch or if statements, you will automate a sequence of events that perform the following actions:

0 seconds

#red appears and animates to 800px from the left of the stage over the course of three seconds.

When the animation starts, you will set #text to read "<h1>Hello World</h1><p>Starting animation.</p>".

5 seconds

#blue fades in over the course of one second and #text is set to read "<h1>Goodbye World<p>It's time to go.</p></h1>".

7 seconds

#alice starts to play.

10 seconds

#red, #blue and #text fade out over the course of three seconds and the end of the fade out causes the audio to stop playing.

12 seconds

The browser will automatically redirect to Google. The code for this is:

- `window.location = 'http://google.com';`