

Student Name: Will May

For each question which includes 'describe' or 'review', write at least a paragraph worth of content to explain your answers. Include any other relevant evidence where appropriate, i.e. links or images.

Q1. Describe the purpose of using IT in creating your website and how you will use IT to plan and carry out the necessary tasks. (How will you plan your website, what audience is it aimed at? How will your use of IT achieve the required outcomes in your plan?)

To plan my website I will use IT to research competitor websites, source imagery and research style guides. I will also use work management tools such as Trello to help plan out the tasks required to create my website and then track the status of each of the tasks. I also plan to use online teaching resources such as w3schools to improve my understanding of HTML/CSS and help me to implement certain components and bits of code.

Q2. Describe methods, skills and resources needed to complete your website - explain what IT systems and software applications you need to be successful in your website project, and how you will use them (Describe at least one method, skill and resource needed to complete your website)

In order to complete my website I will require a base level of understanding across both HTML and CSS. For HTML I will need to understand the required structure of the page, formatting (headings, paragraphs, lists, images, links etc.) as well as setting up class & id attributes. For CSS I will need to use this to edit the syntax, format the components and move content around the page.

Q3. Describe the legal guidelines and risks that might impact your website project - how does GDPR and copyright affect website development?

When creating my website I need to ensure that the content does not infringe the copyright of others, for example including other websites software components or images and graphics sourced from elsewhere.

For GDPR, I don't feel as though my website will be impacted by this as I won't be collecting users data – if I was I would need to consider where to store the data and by which tools and applications.

Q4. Review the ongoing use of IT tools you have used for your website and describe whether they are appropriate - what are the benefits and drawbacks of IT tools and systems used? (Are you happy with the tools you used?)

I've continued to use Trello to manage the progress of my website – I've found this a great tool to use both in terms of breaking down the project into manageable tasks and then monitoring the progress of these tasks.

I've also used various websites like w3schools to help me with the coding, google fonts to help me source various fonts and pexels for imagery.

Q5. Describe how you would test your website to make sure it looks as intended. Describe what kind of files you used in your website and explain why you have chosen those filetypes. How can you test

your website to ensure it is accessible to people with disabilities? Describe how you can overcome potential accessibility issues with your website.

For my website testing I have creating the following checklist:

- Spelling & grammar
- URLs
- Title tag
- Font appearing correctly
- Images displaying correctly and all have alt tags
- Compatibility – test website across different browsers and mobile. I plan to do this by using free web services and software like Adobe Browserlab.

Q6. Describe ways to improve your productivity and efficiency throughout this project (how can you make sure you are using IT tools and systems in the most effective way?) If you could have been more productive or efficient, how would you implement this for a future project?

I think additional planning upfront would have been beneficial and using tools such as Canvas to map out my designs would have improved efficiency and avoided further design changes throughout the project.

I would also use more utility classes earlier on in the process to speed up designs, I added these in but quite late on in the process and they helped a lot.

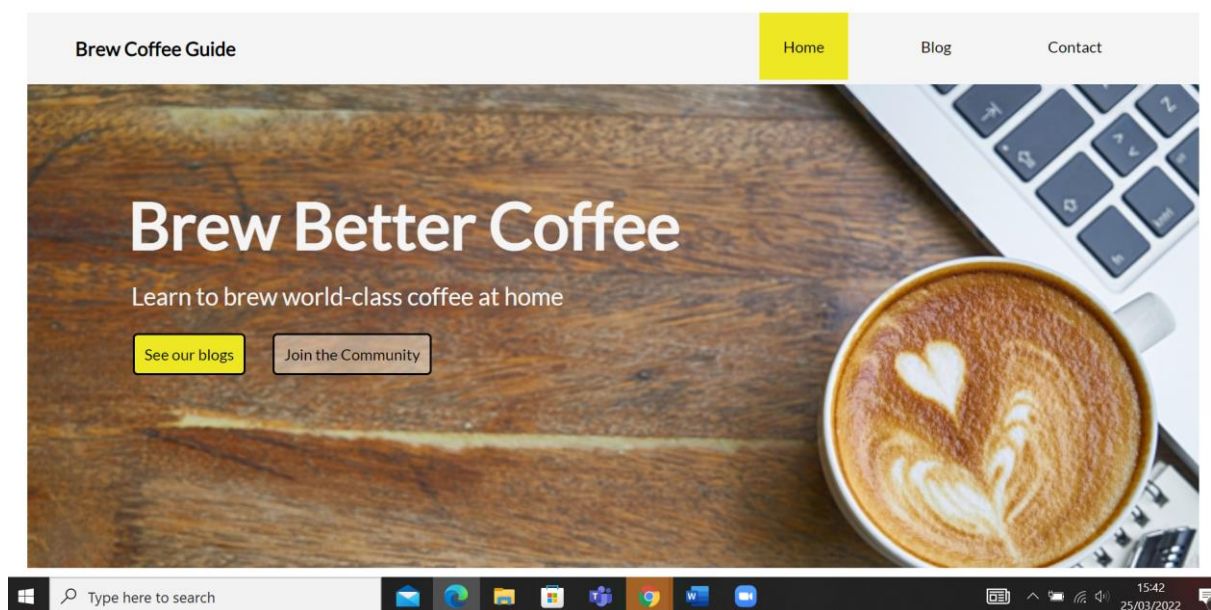
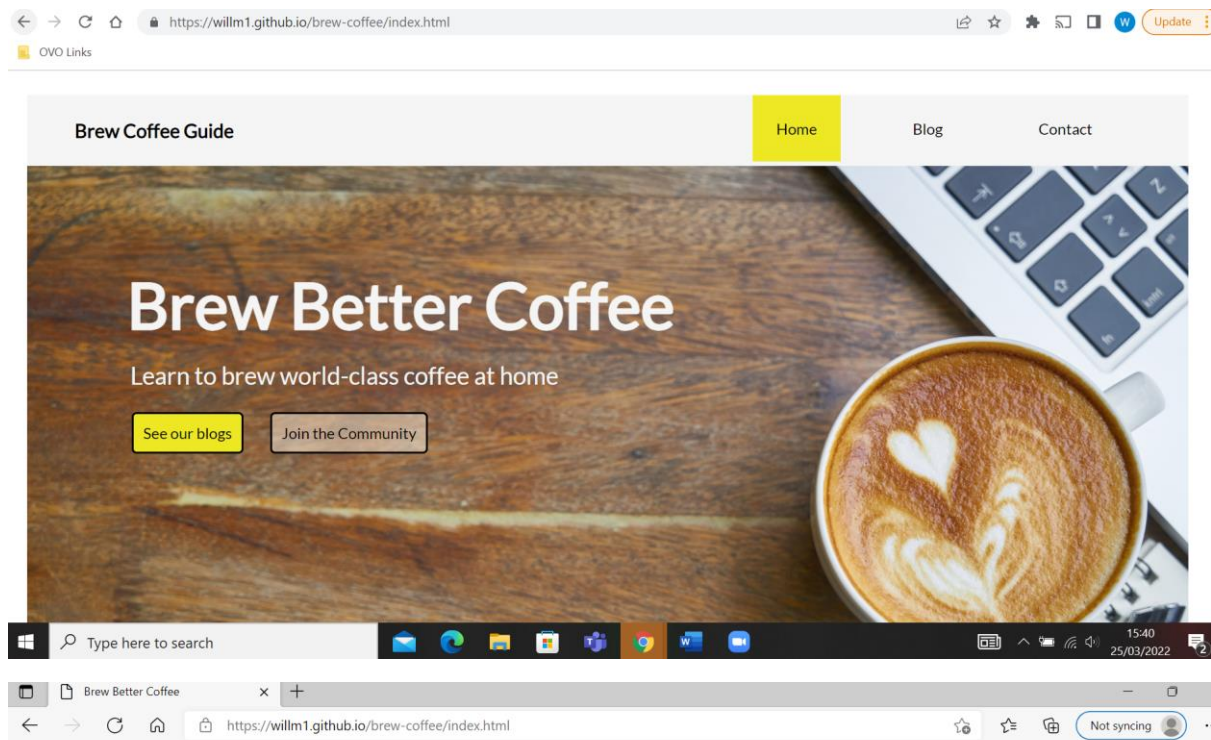
Q7. Describe the final version of your website (what is the content and layout for each page?), assess the strengths and weaknesses and describe further improvements you can make to your website. Is the website fit for purpose? (did you achieve what you set out to do in your plan?)

The final version has three main pages. Each has a navigation bar at the top, a hero image covering the width of the page and then additional content/imagery below it.

In terms of strengths I feel the page looks visually strong and follows a consistent style guide. It has good navigation and is optimised for mobile. The main weakness is I wanted to get icons added in which I've struggled to do.

However, based on the above I believe the website is fit for purpose.

Q8. Take a screenshot of your website homepage working in two different browsers. (Make sure the GitHub Pages link is visible in the screenshot).



For Code Nation/TLM reference				
Develop: Coding - Assignment Mapping Document				
Questions	Q1	Q2	Q3	Q4
TLM Criteria	1.1.1, 1.1.3,	1.1.2, 1.1.5, 1.1.6	1.1.4, 1.1.7, 2.1.5	1.2.1, 1.2.2, 1.3.1
Questions	Q5	Q6	Q7	Q8
TLM Criteria	1.3.4, 2.1.6, 2.1.7	1.3.2, 1.3.3	1.2.3, 1.2.4, 1.2.5, 2.1.1,	2.3.1

Website			
TLM Criteria	2.1.2, 2.1.3, 2.1.4, 2.1.8	2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.5, 2.2.6	2.3.2, 2.3.3, 2.2.4