**Develop Coding: Assignment**

**Student Name:**

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?)

**I planned my website using a Trello board to organise the content of the website and the different technical tasks I needed to complete. The languages I wrote the source code in were HTML and CSS. I chose to keep all the CSS in one file to organise the different classes concisely, and chose to use Flexbox to group the individual elements on each of the three pages on the website.**

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)

**I used HTML to structure each page of the website, Flexbox to define the layout of elements, and CSS to determine their style. Using CSS I determined classes to define the look and feel of the site by choosing a coordinating colour scheme and multiple font styles used in different contexts. The titles and headings on each page used a heavier font weight to the main text.**

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

**I used clipart logo images for a toolbar of links and still photographs of Jonathan Meades. I researched copyright and concluded these could be used under the Fair Dealing section of the Copyright Act. I added attributions to the website to keep compliant with this.**

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?)

**HTML and CSS I found to be straightforward. A WYSIWIG editor might have been useful for prototyping the site as the combination of Flexbox and the other two languages made the effect of changing the position and style of elements somewhat unpredictable. Trello was useful for brainstorming the tasks that needed to be completed at the beginning of the project but as tasks evolved and I revisited them the cards system of Trello was not greatly useful. Substituting a simple checklist for Trello would have not had a negative impact on how the work proceeded.**

Q5. Describe how you would test your website to make sure it looks as intended. What kind of files have 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

**I visited my website, using different browsers (Edge, Chrome, Firefox) and resized the window to see the elements change shape correctly. The page is accessible to people who are visually impaired because each image has alt-text usable by a screen reader. I stuck to a light-dark distinction between text and background so the site is accessible to people with all forms of colour blindness.**

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?

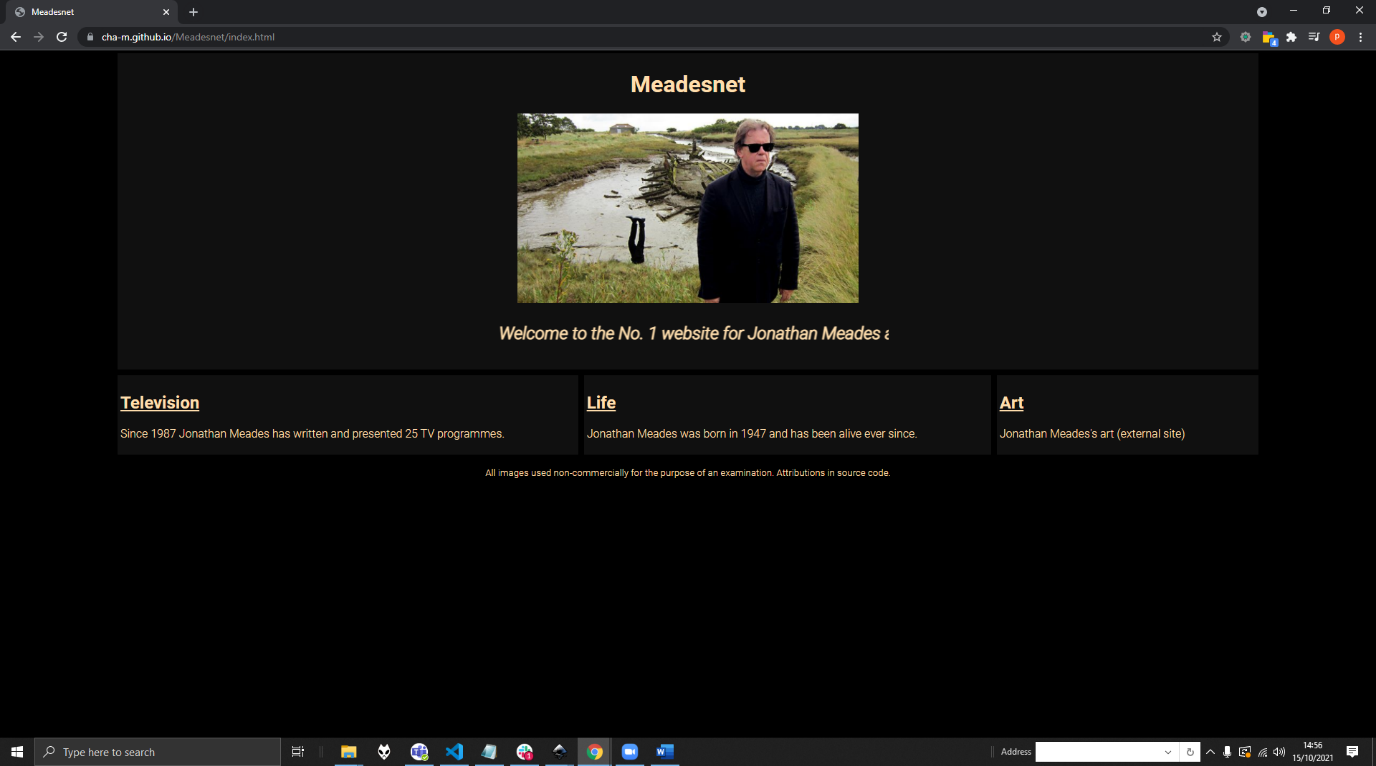
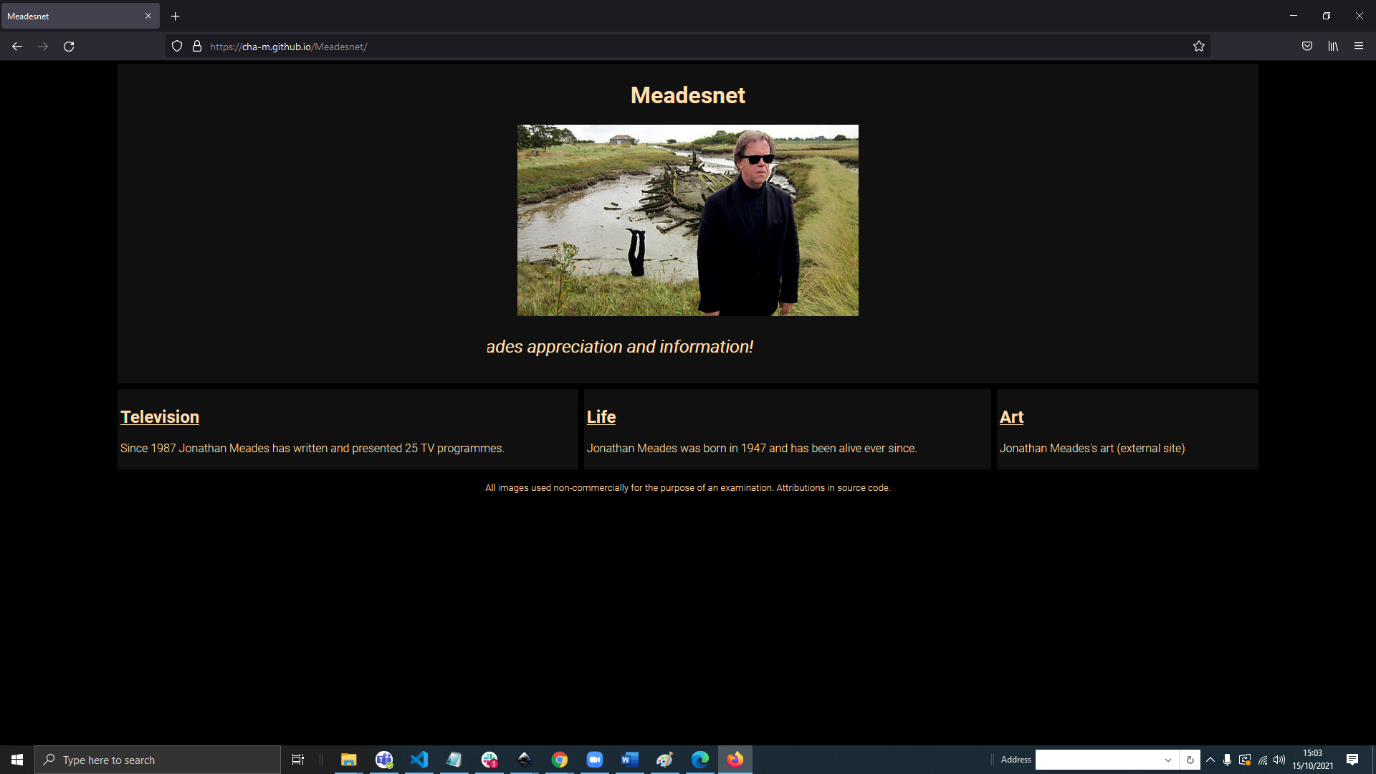
**If in future I need to improve my productivity and efficiency I would break each area of each page into a <div> before beginning to organise the site into a Flexbox format. This would clearly define each area and lay out a structural foundation to each page before Flexbox affects the position of elements.**

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 website consists of 3 pages. The index page has a bold image of Jonathan Meades to attract the eye and below are three links in their own Flexboxes to attract the eye, with their own descriptions of where they lead that help to provide clarity to the user. Further improvements could be made by expanding on the biography in life.html and adding more content to the table in films.html. This could include links to view the films, my own review, and a personal star rating.**

**Overall I have achieved what I set out to do. the site has a professional style defined through CSS and an organised layout created through the use of Flexboxes. It provides easy access to the content of its pages in a clear and concise way.**

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

 A screenshot of a computer

Description automatically generated with medium confidence