**LIB2024: Internet Applications**

**Assignment 1: My Favourite Movie**

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# Introduction

The purpose of this assignment was to recreate a simple web page describing our favorite movie and including some descriptive information and images.

Link to GitHub:

# Elements and Tricks

## Header

In the header (shown below), I made sure to include relevant metadata (as shown in lecture slides) which tells the browser which script language is being used (in this case, HTML). This metadata is also important for SEO, which will be further explained in another section of the report.

Text, letter

Description automatically generated

I used the <title> element to give my web page a title, “Martha’s Favourite Movie” which appears on the browser tab. I also added an icon to the tab using <link> element to source a .png image from the root folder. Initially I had some trouble understanding how the browser finds the image file but saving it in the same folder as the script solved that problem.

## Text and Images

In the <body> portion of the script, I used the elements <img src>, <section>, and header tags <h1>, <h2>, etc. to place the required elements. To start, the <img src> tag was used to link to an image hosted on another web site, so I was able to add the image of the movie poster using this element as shown:

A picture containing shape

Description automatically generated

I used <section> tags liberally throughout to add line breaks and split up the text and image elements. The header tags were used to define different font sizes for the textual elements:

Text

Description automatically generated

As seen above, <h1> was used for the title of the page appearing under the movie poster image, and <h3> for the plot synopsis. The element <h2> was chosen for the Cast List and Best line text. Remembering that <h1> indicated the largest font and <h6> the smallest, I chose from these options to best mimic the sizes shown in the project example.

## Lists

Two types of list elements were used to build this web page: unordered lists <ul> and ordered lists <ol>. For the Cast List, I chose <ul> as it would appear as bulleted points:

Text

Description automatically generated

For the Best Lines section, I chose <ol> so that the information would appear as a numbered list. For both <ul> and <ol>, each line of text was further defined using <li> to start the next list item.

Text

Description automatically generated

## Progress Bars

In the Movie Ratings section of my web page, I used progress bars. The tags <progress id>, <label>, <p>, <br> were used. The paragraph <p> element told the browser to start a new line of content using the default body text, and within the paragraph new lines were started using the break element <br>. Then, <label> was used to title the progress bars that followed, which was built using <progress>. The inline elements of this tag included id, file, value, and max to tell the browser a percentage to display, as shown:

Text

Description automatically generated

## Highlighted Text

To recreate the highlighted text portion of the page, the <mark> element was used. The text within this tag shows up highlighted in yellow. Also, the <p> element was used to define this content as a paragraph:

A picture containing text

Description automatically generated

## Footer

The <footer> tag was used to add a signature to the page, at the very bottom. Within the footer <p> was used to define the content as a paragraph, as follows: Logo, company name

Description automatically generated

## Comments

I made some notes to myself using the comment element <!-- … --> as shown below:

A picture containing chart

Description automatically generated

As mentioned in the introduction, I had some issues adding the icon to my header so I used the comment element to remind myself to revisit the issue at a later date. In addition, I also placed the website source for my icon so I would remember to reference it in this report.

# Search Engine Optimization & User Experience

While this web page is very basic in format and content, nevertheless it is important to meet SEO standards and optimize user experience (UX). Within the metadata included in the header, important information about the content of the site is included which will assist search engines. In terms of optimizing user experience, white space was effectively used (in the form of line breaks) to separate the sections of content and render it easier for the viewer to read and browse. Using header and paragraph tags changes up layout and font sizing to draw attention to the most important information.

# Conclusion

The purpose of this assignment was to recreate a model web page, which I feel was successfully performed using appropriate basic HTML elements. Overall, it was straightforward to research and apply the appropriate tags to achieve an accurate copy of the example provided. Some trouble was encountered adding an icon to the header, however once the image file was saved in the appropriate folder the issue was solved.

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