Task 3

CSS Units: px, em, rem

- **px (pixels):** A fixed unit that represents a dot on the screen. It does not change based on the user's settings or screen size.
- **em:** A relative unit that is based on the font size of the current element or its parent.
- **rem (root em):** Also a relative unit, but it is always based on the root element (<html>), not the parent element.

```css
body {
  font-size: 16px;
}
p {
  font-size: 1.5em; /* 24px */
}
h1 {
  font-size: 2rem; /* 32px */
}
```

HTML Audio and Video Tags

- **Audio tag:** Used to add audio files to a webpage. You can include different formats using the

Src tag inside it.

```
<audio controls>
  <source src="audio.mp3" type="audio/mpeg">
</audio>
```

- **Video tag:** Used to display videos. You can set the width, height, and add playback controls.

```
<video width="320" height="240" controls>
  <source src="video.mp4" type="video/mp4">
</video>
```

What is Web Accessibility and How Can We Improve It?

Web Accessibility means making websites usable for everyone, including people with disabilities. It ensures that all users can navigate and interact with the site.

Ways to improve web accessibility:

- Use semantic HTML tags like <main>, <nav>, and <footer>
- Add alt text to images so screen readers can describe them
- Make sure the site can be used with a keyboard (no mouse required)
- Use readable font sizes and strong color contrast
- Test your site with accessibility tools and screen readers