Part 1: Research Task

1. CSS units: px, em, rem :

- Px : A fixed unit of measurement representing one pixel on the screen. It does not change depending on user settings.
- em : A relative unit of measurement based on the font size of the current element.
  For example, 2em means "twice" the base font size of that element.
- rem (Root em): Like em, but based on the font size in the <html> root.
  For example: if html is { font-size: 16px; }, then 1rem = 16px.

  Example :

  ```
  html {
  font-size: 16px;
  }
  p {
  font-size: 2em;
  }
  h1 {
  font-size: 2rem;
  }
  ```

2. HTML audio and video tags :

- <audio>: Used to play audio files.

- <video>: Used to play video files, and can display video within the page.

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

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

3. What is Web Accessibility and how can we improve it?

  Web accessibility means designing websites in a way that allows everyone, including those with disabilities, to use them easily.

- Improvement methods:

1. Use alt tags for images.

2. Use colors with clear contrast.

3. Use semantic tags (such as <nav>, <main>, <section>).

4. Keyboard support for navigation (instead of just the mouse).