

Task1 : Identify and Lists Elements:

Open any webpage (e.g. www.wikipedia.org).

Write down at least 10 block-level element tags and 10 inline element tags you find in the page's HTML structure.

For each tag, note down one unique property or behavior that proves it's block or inline.

Answers:

Identify and List Elements

Block-level Elements:

<div> → Creates a container; always starts on a new line.

<h1> → Main heading; block-level by default.

<h2> → Subheading; appears on a new line.

<p> → Paragraph; adds space above and below text.

 → Unordered list; takes full width.

 → Ordered list; also block-level.

 → List item; always stacked vertically.

<form> → Form container; spans full width.

<table> → Block-level by default.

<section> → Defines a section; starts on a new line.

Unique Block Property: All of them take up the full width of the parent container by default.

Inline Elements:

<a> → Hyperlink; does not break line flow.

 → Inline container; styled without breaking line.

 → Makes text bold; inline by default.

<i> → Italic text; inline.

 → Emphasized text; inline.

 → Bold with semantic meaning.

 → Image; inline element.

<u> → Underlined text; inline.

<sup> → Superscript (x^2).

<sub> → Subscript (H₂O).

Unique Inline Property: They only take up as much width as their content requires and don't start on a new line.

Task2:

Create an HTML page with the following requirements:

Use at least 5 different block-level elements.

Use at least 5 different inline elements inside the block-level elements.

Write a short paragraph in your code explaining why you chose each tag for block or inline usage.

Answers:

```
<html>
  <head>
    <title>Block and Inline Elements</title>
  </head>
  <body>
    <h1>Block Level Elements</h1>
    <p>It takes the Full width of your screen</p>
    <p>Its start with New line</p>
    <h1>Inline Elements</h1>
    <p><b>Not start with New Line</b></p>
    <span>It takes only content space</span>
  </body>
```

</html>

Task3:

Write HTML code that displays a clear visual difference between block-level and inline elements:

Create a section with several block-level elements in one color.

Inside the section, place inline elements with a contrasting color using a or <a> tag.

Take a screenshot and explain with a short note how the layout would change if the inline elements were replaced with block-level ones.

Answers:

```
<html>
  <head>
    <title>Visual Difference</title>
  </head>
  <body>
    <div>
      <h1>Visual Difference between Block Level nad Inline Level</h1>
      <h5>Block Elements</h5>
      <p>Block Elements-Paragraph Tags</p>
      <span>Inline Elemenmts- Span Tags</span>
      <a href="#">Inline Elements</a>
      <p>This is the <span>Differnce between</span> Block level and InLine Level Elements</p>
    </div>
  </body>
</html>
```