

CSS Inline and Block Display



The CSS display properties related to block and inline display are:

- **display: inline;**
 - Displays element inline (like text) so that it flows and wraps.
- **display: block;**
 - Displays element with a break after the element so that each block element appears on a separate row.
- **display: inline-block;**
 - Elements will flow in an inline way but will break to a new line as a whole element instead of displaying part of their content on one line and part on another.

display: inline;

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display: block;

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display: inline-block;

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Block-level elements

<address> <article> <aside> <blockquote> <canvas> <dd>
<div> <dl> <dt> <fieldset> <figcaption> <figure> <footer>
<form> <h1>-<h6> <header> <hr> <main> <nav>
<noscript> <output> <p> <pre> <section> <table>
<tfoot> <video>

Inline elements

<a> <abbr> <acronym> <bdo> <big>
 <button> <cite>
<code> <dfn> <i> <input> <kbd> <label> <map>
<object> <q> <samp> <script> <select> <small>
 <sub> <sup> <textarea> <time> <tt> <var>

- The float CSS property places an element on the left or right side of its container, allowing text and inline elements to wrap around it.
- Float can be used for laying out pages but it is typically better to use flex.

```
<p #id="paragraph1">
  
  To be, or not to be, that is the question: Whether 'tis nobler in the mind to suffer
  The slings and arrows of outrageous fortune, Or to take arms against a sea of troubles
  And by opposing end them. To die—to sleep, No more; and by a sleep to say we end
  The heart-ache and the thousand natural shocks that flesh is heir to: 'tis a consummation
  Devoutly to be wish'd. To die, to sleep; To sleep, perchance to dream—ay, there's the rub:
  For in that sleep of death what dreams may come, When we have shuffled off this mortal coil,
  Must give us pause—there's the respect That makes calamity of so long life. For who would bear the whips and scorns of time,
  Th'oppressor's wrong, the proud man's contumely, The pangs of dispriz'd love, the law's delay,
  The insolence of office, and the spurns
  That patient merit of th'unworthy takes, When he himself might his quietus make. With a
  bare bodkin? Who would fardels bear, To grunt and sweat under a weary life, But that the
  dread of something after death, The undiscover'd country, from whose bourn No traveller
  returns, puzzles the will, And makes us rather bear those ills we have, Than fly to others that
  we know not of? Thus conscience does make cowards of us all. And thus the native hue of
  resolution, Is sicklied o'er with the pale cast of thought, And enterprises of great pitch and
  moment, With this regard their currents turn awry, And lose the name of action.
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  &copy; WILLIAM S
</p>
<footer>
</footer>
```

```
#pic1, #pic2, #pic3
{
  width: 200px;
}
#pic1
{
  float: right;
}
#pic2
{
  float: left;
}
#pic3
{
}
```

Speech: "To be, or not to be, that is the question"

To be, or not to be, that is the question: Whether 'tis nobler in the mind to suffer. The slings and arrows of outrageous fortune, Or to take arms against a sea of troubles. And by opposing end them. To die—to sleep, No more; and by a sleep to say we end The heart-ache and the thousand natural shocks. That flesh is heir to: 'tis a consummation. Devoutly to be wish'd. To die, to sleep; To sleep, perchance to dream—ay, there's the rub. For in that sleep of death what dreams may come, When we have shuffled off this mortal coil, Must give us pause—there's the respect. That makes calamity of so long life. For who would bear the whips and scorns of time, Th'oppressor's wrong, the proud man's contumely, The pangs of dispriz'd love, the law's delay, The insolence of office, and the spurns.



That patient merit of th'unworthy takes, When he himself might his quietus make. With a bare bodkin? Who would fardels bear, To grunt and sweat under a weary life, But that the dread of something after death, The undiscover'd country, from whose bourn No traveller returns, puzzles the will, And makes us rather bear those ills we have, Than fly to others that we know not of? Thus conscience does make cowards of us all. And thus the native hue of resolution, Is sicklied o'er with the pale cast of thought, And enterprises of great pitch and moment, With this regard their currents turn awry, And lose the name of action.



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Assignment:

- Create a new assignment folder in your main repo called ``inline_block``. The full path should be ``/assignments/inline_block``
- Create the necessary `index.html` file, CSS directory and file `style.css` file.
- Create three sections containing a few `<p>` elements.
- Set the first section to use an inline display.
- Set the second section to use a block display.
- Set the third section to use an inline-block display.
- Add `<h2>` elements above each section to easily identify the display type used for that section.

Pro assignment:

- After completing the main assignment, research another important display property called ``display-flex``;
- On the same page, below the main assignment, use ``display-flex`` to create a simple three column layout.

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