

SHWE OAK (HTET THU WIN)

---

**FORMATTING TAGS**

---

# HTML TAGS BY CATEGORY

- ▶ HTML tags ဝ၂ မျိုး([https://www.w3schools.com/tags/ref\\_byfunc.asp](https://www.w3schools.com/tags/ref_byfunc.asp))
  - ▶ Basic (အခြေခံ)
  - ▶ Formatting (စာစီ)
  - ▶ Images (ပုံ)
  - ▶ Links (ဆက်သွယ်)
  - ▶ Lists (စာရင်း)
  - ▶ Styles & Semantics
  - ▶ Meta
  - ▶ Tables
  - ▶ Form & Inputs
  - ▶ Frames
  - ▶ Audio / Video
  - ▶ Programming

## ATTRIBUTES ( အရည်အသွေး )

- ▶ Can be added to all html elements
- ▶ Provide additional information about an element
  - ▶ Example `<input type="text">` `<input type="checkbox">`
- ▶ Always specified in start tag
- ▶ Usually comes in name/value pair like: `name="value"`
  - ▶ Example:
    - ▶ `<h1 lang="en">English Title</h1>`
    - ▶ Attribute: `lang="en"`

## ATTRIBUTES ( အရည်အသွေး )

- ▶ Can use more than one unique attribute on an HTML element.

## ATTRIBUTE TYPES

- ▶ **Global** attributes can be used on any HTML element
  - ▶ `accessKey`, `class`, `content editable`, `data-*`, `dir`, `draggable`, `drop zone`, `hidden`, `id`, `lang`, `spellcheck`, `style`, `tab index`, `title`, `translate`
- ▶ **Element specific** attributes
  - ▶ Example: `'href'` for anchor tag `'a'`.

---

# FORMATTING TAGS

- ▶ `<abbr>`
- ▶ `<address>`
- ▶ `<b>`
- ▶ `<bdi>`
- ▶ `<bdo>`
- ▶ `<blockquote>`
- ▶ `<cite>`
- ▶ `<code>`
- ▶ `<del>`
- ▶ `<dfn>`
- ▶ `<em>`
- ▶ `<i>`
- ▶ `<ins>`
- ▶ `<kbd>`
- ▶ `<mark>`
- ▶ `<meter>`
- ▶ `<pre>`
- ▶ `<progress>`
- ▶ `<q>`
- ▶ `<rp>`
- ▶ `<rt>`
- ▶ `<ruby>`
- ▶ `<s>`
- ▶ `<samp>`
- ▶ `<small>`
- ▶ `<strong>`
- ▶ `<sub>`
- ▶ `<sup>`
- ▶ `<template>`
- ▶ `<time>`
- ▶ `<u>`
- ▶ `<var>`
- ▶ `<wbr>`

▶ [https://www.w3schools.com/tags/ref\\_byfunc.asp](https://www.w3schools.com/tags/ref_byfunc.asp)

## <ABBR>, <DFN>

- ▶ <abbr>: Abbreviation or acronym
- ▶ <dfn>: Defining instance of a term
- ▶ Recommended to use with title attribute

The screenshot shows a web development environment with a code editor on the left and an output preview on the right. The code editor displays the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>abbr & dfn</title>
  </head>
  <body>
    <p>
      The <abbr title="United Nations International Children's
        Emergency Fund">UNICEF</abbr> was established in 1946.
    </p>
    <p>
      <dfn title="Cascading Style Sheet">CSS</dfn>
      is used for styling web pages.
    </p>
  </body>
</html>
```

The output preview on the right shows the rendered result of the code:

The UNICEF was established in 1946.

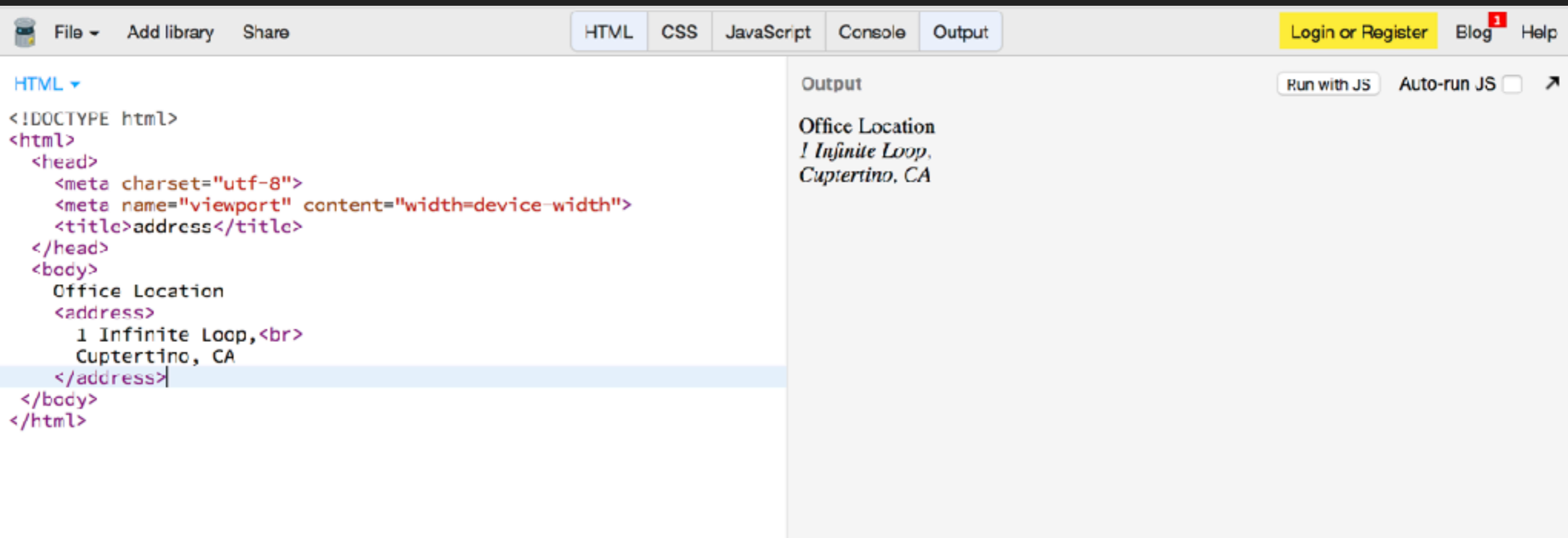
CSS is used for styling web pages.

Cascading Style Sheet

# TEXT

## <ADDRESS>

- ▶ Defines the contact information



The screenshot shows a web development IDE interface. The top navigation bar includes 'File', 'Add library', 'Share', and tabs for 'HTML', 'CSS', 'JavaScript', 'Console', and 'Output'. On the right, there are links for 'Login or Register', 'Blog', and 'Help'. The main editor area displays HTML code for an address, with the following content:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>address</title>
  </head>
  <body>
    Office Location
    <address>
      1 Infinite Loop,<br>
      Cupertino, CA
    </address>
  </body>
</html>
```

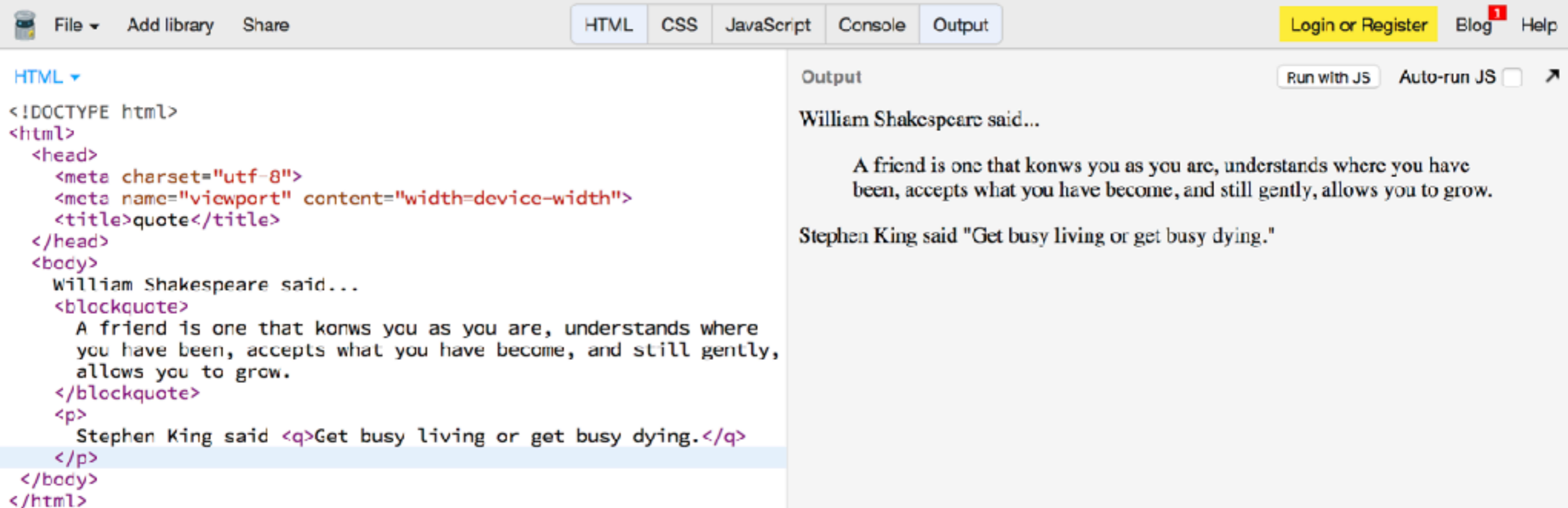
The 'Output' panel on the right shows the rendered result of the code:

Office Location  
*1 Infinite Loop,*  
*Cupertino, CA*



# <BLOCKQUOTE>, <Q>

- ▶ `<blockquote>`: A section that is quoted from another source
- ▶ `<q>`: Markup a short quotation



The screenshot shows a web development environment with a code editor on the left and an output preview on the right. The code editor displays the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>quote</title>
  </head>
  <body>
    William Shakespeare said...
    <blockquote>
      A friend is one that konws you as you are, understands where
      you have been, accepts what you have become, and still gently,
      allows you to grow.
    </blockquote>
    <p>
      Stephen King said <q>Get busy living or get busy dying.</q>
    </p>
  </body>
</html>
```

The output preview shows the rendered result of the code:

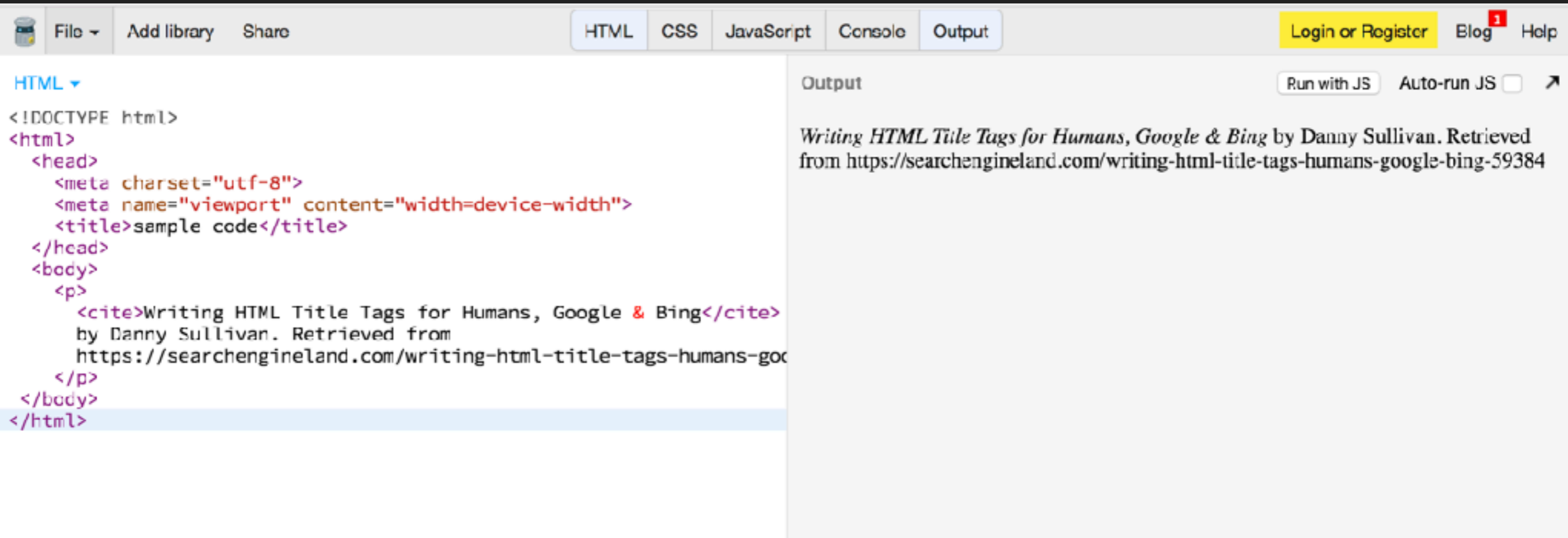
William Shakespeare said...

A friend is one that konws you as you are, understands where you have been, accepts what you have become, and still gently, allows you to grow.

Stephen King said "Get busy living or get busy dying."

# <CITE>

- ▶ Define the title (not the author) of a work.
- ▶ Example: title of a book, movie, song, TV show, painting, sculpture, a play, etc...



The screenshot shows a web editor interface with a top navigation bar containing 'File', 'Add library', 'Share', 'HTML', 'CSS', 'JavaScript', 'Console', 'Output', 'Login or Register', 'Blog', and 'Help'. The main area is split into two panels: 'HTML' on the left and 'Output' on the right. The 'HTML' panel displays the following code:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      <cite>Writing HTML Title Tags for Humans, Google & Bing</cite>
      by Danny Sullivan. Retrieved from
      https://searchengineland.com/writing-html-title-tags-humans-goc
    </p>
  </body>
</html>
```

The 'Output' panel shows the rendered result of the code:

Writing *HTML Title Tags for Humans, Google & Bing* by Danny Sullivan. Retrieved from <https://searchengineland.com/writing-html-title-tags-humans-google-bing-59384>

# <CODE>, <SAMP>

- ▶ `<code>`: Display program code
- ▶ `<samp>`: Display program sample output
- ▶ Use monospaced font as default style

The screenshot shows a web development tool interface. The top navigation bar includes 'File', 'Add library', 'Share', and tabs for 'HTML', 'CSS', 'JavaScript', 'Console', and 'Output'. On the right, there are links for 'Login or Register', 'Blog', and 'Help'. The main area is split into two panels. The left panel, titled 'HTML', displays the following code:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>Normal text</p>
    <code>
      Computer code display here
    </code>
    <p>Another normal text</p>
    <samp>
      Program output sample here
    </samp>
  </body>
</html>
```

The right panel, titled 'Output', shows the rendered result of the code above:

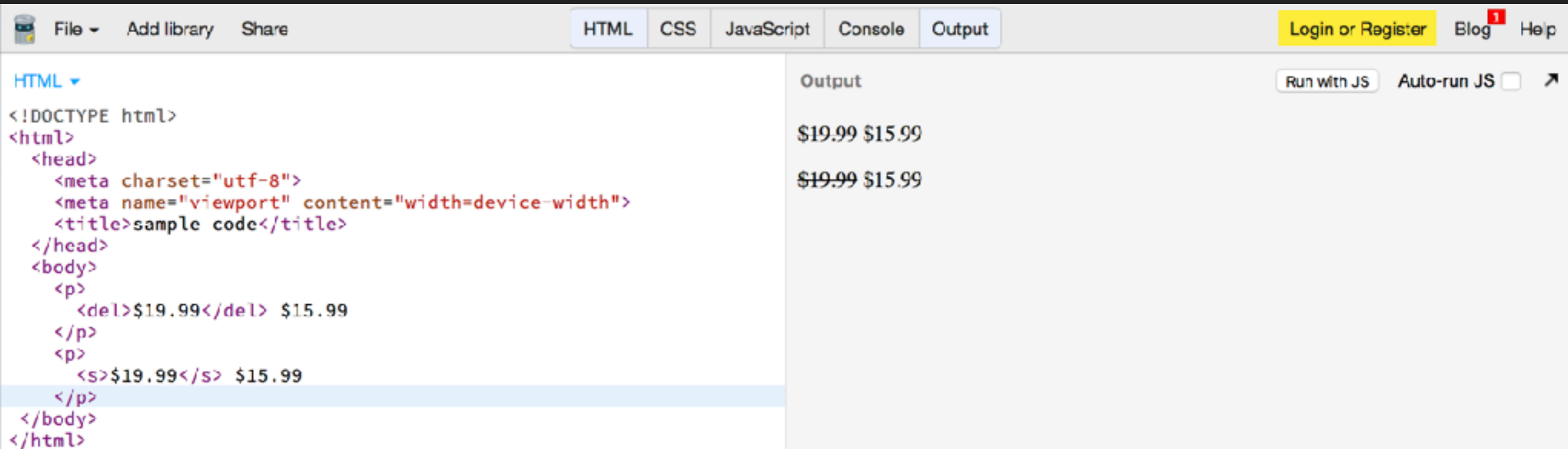
```
Normal text
Computer code display here
Another normal text
Program output sample here
```

Buttons for 'Run with JS' and 'Auto-run JS' are visible in the top right of the output panel.

# TEXT

## <DEL>, <S>

- ▶ `<del>`: Text is deleted
- ▶ `<s>`: Text is no longer correct. Strikethrough.



The screenshot shows a web development IDE interface. The top navigation bar includes 'File', 'Add library', 'Share', and tabs for 'HTML', 'CSS', 'JavaScript', 'Console', and 'Output'. On the right, there are links for 'Login or Register', 'Blog', and 'Help'. The main editor area is split into two panes. The left pane, titled 'HTML', contains the following code:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      <del>$19.99</del> $15.99
    </p>
    <p>
      <s>$19.99</s> $15.99
    </p>
  </body>
</html>
```

The right pane, titled 'Output', shows the rendered result of the code above. It displays two lines of text: '\$19.99 \$15.99' and '\$19.99 \$15.99'. The first line is the result of the `<del>` tag, where the first price is removed. The second line is the result of the `<s>` tag, where the first price is shown with a red strikethrough.

# TEXT

---

`<EM>`, `<I>`

- ▶ `<em>`: Emphasized text
- ▶ `<i>`: Italic text. Not recommended to use.

The screenshot shows a web browser's developer console with two panels: 'HTML' and 'Output'. The 'HTML' panel displays the following code:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      The project is <em>due</em> at the end of this week.
    </p>
    <p>
      The project is <i>due</i> at the end of this week.
    </p>
  </body>
</html>
```

The 'Output' panel shows the rendered result of the code, displaying two paragraphs of text. The first paragraph is rendered with the word 'due' in an emphasized (bold) font, and the second paragraph is rendered with the word 'due' in an italicized font.

Navigation and utility buttons are visible at the top of the console, including 'File', 'Add library', 'Share', 'HTML', 'CSS', 'JavaScript', 'Console', 'Output', 'Login or Register', 'Blog', and 'Help'. The 'Output' panel also includes 'Run with JS', 'Auto-run JS', and a refresh icon.

# TEXT

---

## <INS>

- ▶ <ins>: Text inserted into a document

The screenshot shows a web development environment with a code editor on the left and an output window on the right. The code editor displays the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      Pluto is <ins>not</ins> a planet.
    </p>
  </body>
</html>
```

The output window shows the rendered result: "Pluto is not a planet." The word "not" is underlined, indicating that the text inserted by the <ins> tag is visually emphasized.

# TEXT

## <MARK>

- ▶ <mark>: Highlight text

The screenshot shows a web development environment with a menu bar at the top containing 'File', 'Add library', and 'Share'. Below the menu bar are tabs for 'HTML', 'CSS', 'JavaScript', 'Console', and 'Output'. On the right side of the menu bar, there are links for 'Login or Register', 'Blog', and 'Help'. The main area is split into two panels. The left panel, titled 'HTML', contains the following code:

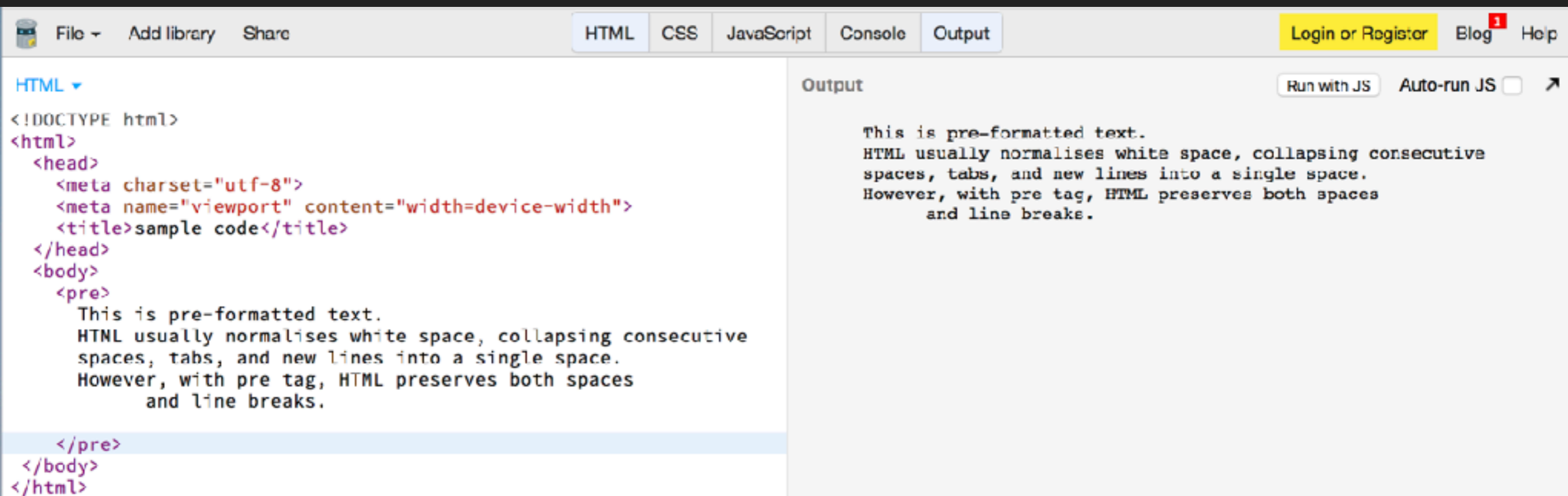
```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      <mark>No food</mark> allowed in the orchard.
    </p>
  </body>
</html>
```

The right panel, titled 'Output', shows the rendered result: 'No food allowed in the orchard.' The text 'No food' is highlighted in yellow. At the top right of the output panel, there are buttons for 'Run with JS' and 'Auto-run JS' with a checkbox, and an arrow icon.

# TEXT

## <PRE>

- ▶ Pre-formatted text
- ▶ Display as written (Not collapse white spaces)



The screenshot shows a web development environment with a code editor on the left and an output window on the right. The code editor contains HTML code that uses the `<pre>` tag to display pre-formatted text. The output window shows the rendered result, where the text is displayed exactly as written in the code, including spaces and line breaks.

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <pre>
      This is pre-formatted text.
      HTML usually normalises white space, collapsing consecutive
      spaces, tabs, and new lines into a single space.
      However, with pre tag, HTML preserves both spaces
        and line breaks.
    </pre>
  </body>
</html>
```

**Output**  
Run with JS Auto-run JS ↗

This is pre-formatted text.  
HTML usually normalises white space, collapsing consecutive spaces, tabs, and new lines into a single space. However, with pre tag, HTML preserves both spaces and line breaks.



# <BDI>

- ▶ bi-directional isolation
- ▶ Use this mark to display right directional text among left directional text or vice versa

The screenshot shows a web development tool interface. The top navigation bar includes 'File', 'Add library', 'Share', and tabs for 'HTML', 'CSS', 'JavaScript', 'Console', and 'Output'. On the right, there are links for 'Login or Register', 'Blog', and 'Help'. The main area is split into two panels: 'HTML' on the left and 'Output' on the right. The HTML panel contains the following code:

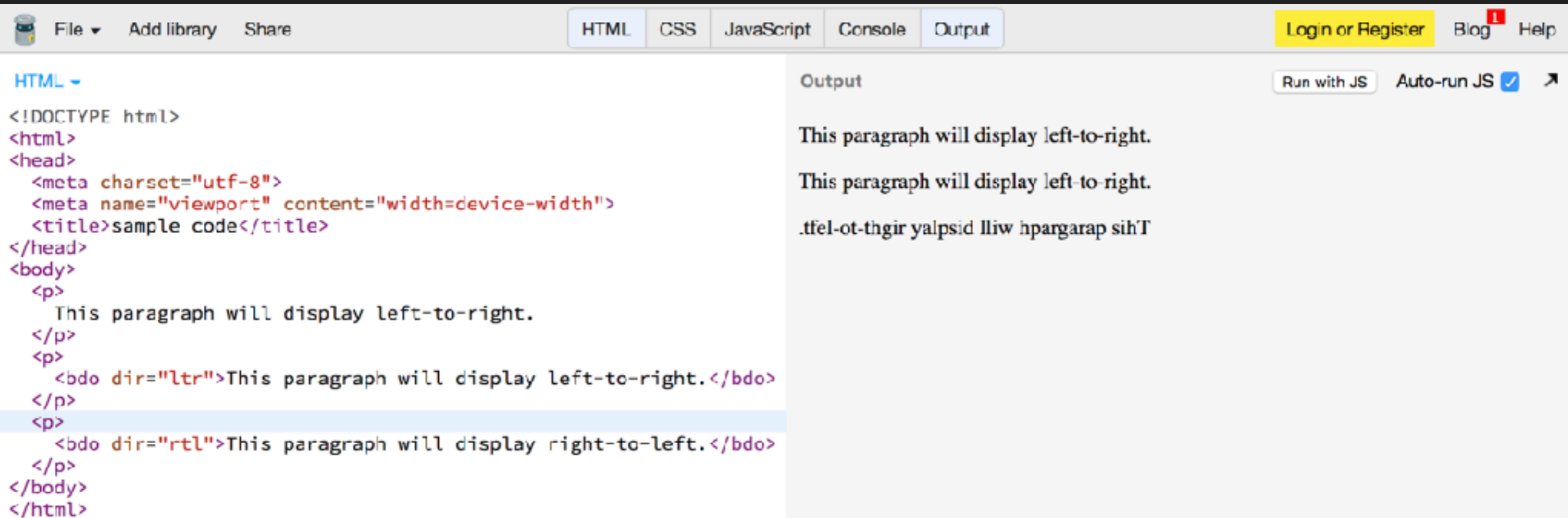
```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>sample code</title>
</head>
<body>
  <p>User <span>إيان</span>: 90 points</p>
  <p>User <bdi>إيان</bdi>: 90 points</p>
</body>
</html>
```

The 'Output' panel shows the rendered result of the code:

```
Output
User 90: إيان points
User إيان: 90 points
```

## <BDO>

- ▶ bi-directional overwrite
- ▶ Use this mark to change the direction of the text
- ▶ Use with attribute 'dir'
- ▶ "dir" values: rtl (right-to-left) or ltr(left-to-right – default)



The screenshot shows a web browser's developer console with the following HTML code in the left pane and its rendered output in the right pane:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>sample code</title>
</head>
<body>
  <p>
    This paragraph will display left-to-right.
  </p>
  <p>
    <bdo dir="ltr">This paragraph will display left-to-right.</bdo>
  </p>
  <p>
    <bdo dir="rtl">This paragraph will display right-to-left.</bdo>
  </p>
</body>
</html>
```

The rendered output in the right pane is:

This paragraph will display left-to-right.

This paragraph will display left-to-right.

.tfel-ot-thgir yalpsid lliw hpargarap sihT

# TEXT

---

## <SMALL>

- ▶ Defines smaller text

The screenshot shows a web development environment with a code editor on the left and an output preview on the right. The code editor displays the following HTML code:

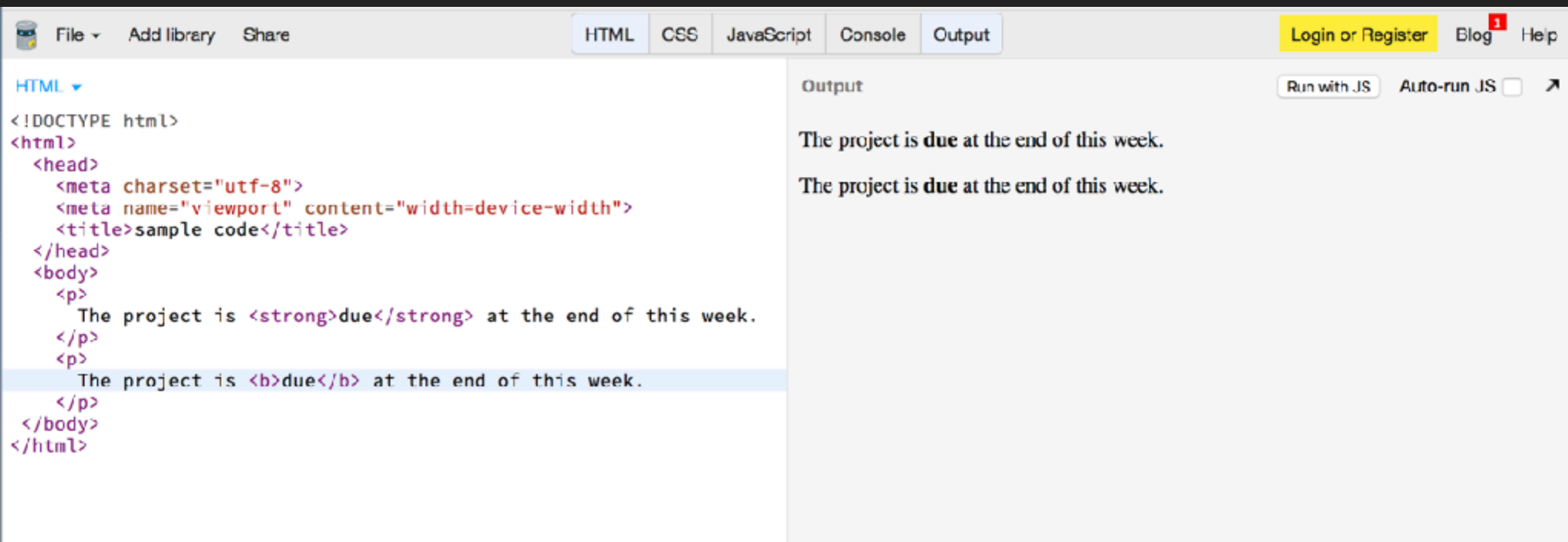
```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      This is a <small>small</small> text.
    </p>
  </body>
</html>
```

The output preview on the right shows the rendered result: "This is a small text." The word "small" in the original code is rendered in a smaller font size in the output.

Navigation and utility buttons are visible at the top: "File", "Add library", "Share", "HTML", "CSS", "JavaScript", "Console", "Output", "Login or Register", "Blog", and "Help". The "Output" panel includes "Run with JS" and "Auto-run JS" options.

## <STRONG>, <B>

- ▶ <strong>: Defines important text
- ▶ <b>: Bold text. Not recommended to use.



The screenshot shows a web development IDE with a code editor on the left and an output preview on the right. The code editor displays HTML code with two paragraphs. The first paragraph uses the `<strong>` tag, and the second uses the `<b>` tag. The output preview shows the rendered text for both paragraphs, demonstrating that both tags result in bold text.

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      The project is <strong>due</strong> at the end of this week.
    </p>
    <p>
      The project is <b>due</b> at the end of this week.
    </p>
  </body>
</html>
```

Output

The project is **due** at the end of this week.

The project is **due** at the end of this week.

# <SUB>, <SUP>

- ▶ <sub>: Defines subscript
- ▶ <sup>: Defines superscript

The screenshot shows a web development environment with a code editor on the left and an output preview on the right. The code editor contains the following HTML code:

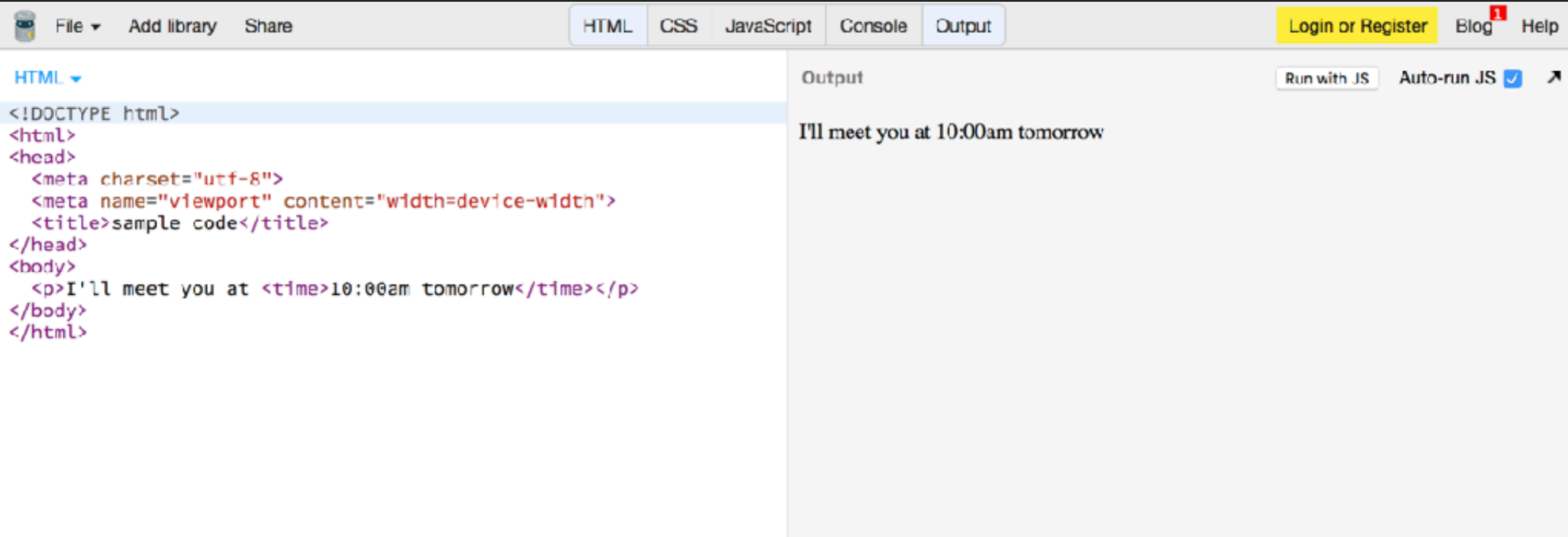
```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>sample code</title>
  </head>
  <body>
    <p>
      H<sub>2</sub>O
    </p>
    <p>
      mc<sup>2</sup>
    </p>
  </body>
</html>
```

The output preview on the right shows the rendered result of the code, displaying the chemical formula H<sub>2</sub>O and the equation mc<sup>2</sup>.

# TEXT

## <TIME>

- ▶ Define human readable date and/or time



The screenshot shows a web development IDE interface. The top navigation bar includes 'File', 'Add library', 'Share', and tabs for 'HTML', 'CSS', 'JavaScript', 'Console', and 'Output'. On the right, there are links for 'Login or Register', 'Blog', and 'Help'. The main editor area is split into two panes. The left pane, titled 'HTML', contains the following code:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>sample code</title>
</head>
<body>
  <p>I'll meet you at <time>10:00am tomorrow</time></p>
</body>
</html>
```

The right pane, titled 'Output', shows the rendered result of the code: 'I'll meet you at 10:00am tomorrow'. The 'Output' pane also includes buttons for 'Run with JS' and 'Auto-run JS' (checked).

# TEXT

---



- ▶ Underlined text. Text that is stylistically different from normal text, such as misspelled words or proper nouns in Chinese
- ▶ Avoid using this where it can be mistaken for links

The screenshot shows a web development tool interface. The top navigation bar includes 'File', 'Add library', 'Share', 'HTML', 'CSS', 'JavaScript', 'Console', 'Output', 'Login or Register', 'Blog', and 'Help'. The main area is split into two panels. The left panel, titled 'HTML', displays the following code:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>sample code</title>
</head>
<body>
  <p>This is not the <u>exposure</u> I was looking for.</p>
</body>
</html>
```

The right panel, titled 'Output', shows the rendered result: 'This is not the exposure I was looking for.'

## DO'S & DON'TS

- ▶ Use tag that best describe the content
- ▶ Do not use `<i>`, `<b>`, and `<u>` for text styling purpose. We can use CSS to style text
- ▶ Do not use same attribute multiple times in the same tag



ကျေးဇူးတင်ပါတယ်

Shwe Oak