

Content Editor

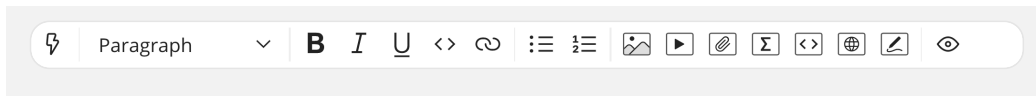
Ed's powerful content editor allows you to easily input all types of content.

Editor Toolbar

At the top of the content editor is the editor toolbar. The buttons on the toolbar allow you to use a range of formatting options and to insert various types of content.

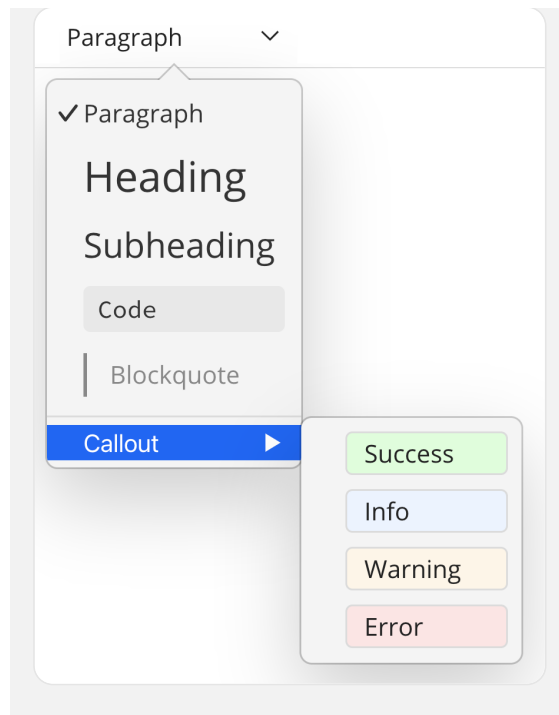
On this page:

- > Editor Toolbar
 - Paragraph Styles
 - Text Formatting
 - Hyperlinks
 - Bullet Points and Numeric Lists
 - Inserting Images and Videos
 - Inserting Files
 - LaTeX Equation Editor
 - Code Snippets
 - Web Snippets
 - Image Annotation
- > Markdown Shortcuts
- > LaTeX Math Equations
 - Equation Editor
- > Tables
 - Tables with LaTeX
 - Tables with HTML and Web Snippets
- > Creating Polls

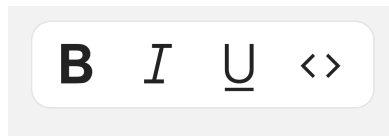


Paragraph Styles

This dropdown menu allows you to change the styles of the selected text.

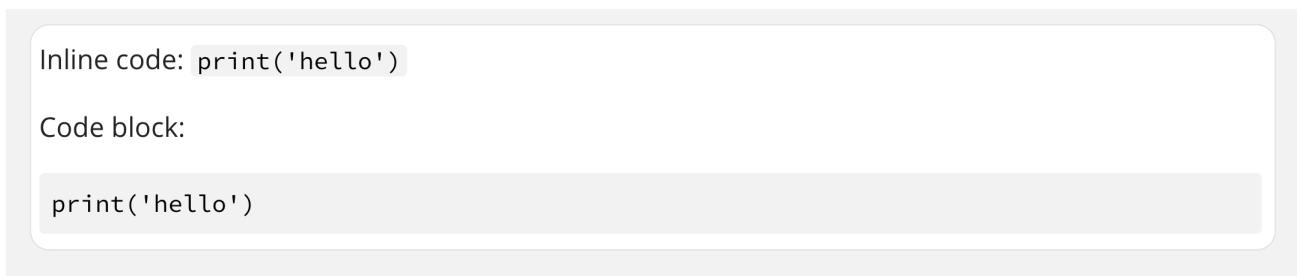


Text Formatting

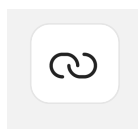


These buttons allow for **bold**, *italicized*, underlined or `monospaced` text formatting.

The monospace button can be used to format code inline. A code paragraph style is automatically applied if multiple lines are selected.

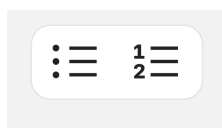


Hyperlinks



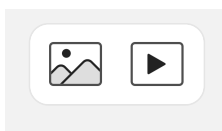
This button converts the highlighted text into a hyperlink. This can be used to create links to external resources or internal Ed pages.

Bullet Points and Numeric Lists



These buttons allow you to insert a bullet point or numbered list. Press the `Tab` key to indent further and press `Shift+Tab` to unindent.

Inserting Images and Videos



These buttons allow you to embed images and videos from URLs. You can also upload images or insert them by dragging and dropping.

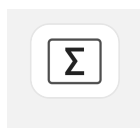
Ed supports embedding videos from a wide variety of sources, including YouTube, Vimeo, Loom and Panopto. Ed does not host video files. If you wish to embed videos that you have created, we recommend uploading the raw video files to YouTube, setting it as *Unlisted*, and then using the video embed to display them on Ed.

Inserting Files



You can attach a file to your post by clicking on the paperclip button. You can also drag the file directly into the content editor. This supports all generic file types including (but not limited to) .pdf, .png, .mov, .csv, .zip, .heic, .docx, .ppt, .html, .key.

LaTeX Equation Editor

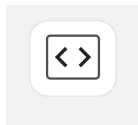


You can insert LaTeX math equations using the interactive equation editor.

Alternatively, LaTeX math between a pair of dollar signs ($...$) is automatically recognized as inline LaTeX. To render an equation in display mode use a pair of double dollar signs (
$$...$$
).

More details on [LaTeX math equations](#) are provided below.

Code Snippets



Ed allows you to embed code snippets. The code snippets are runnable and are syntax highlighted.

A screenshot of a code editor window. The title bar shows a 'Run' button, 'Line Numbers' and 'Runnable' checkboxes, and the language 'C'. The code area contains five lines of C code: '#include <stdio.h>', an empty line, 'int main(){', 'puts("Hello world!");', and '}'. Below the code is a terminal area showing the output 'Hello world!'. At the bottom, a green status bar displays a checkmark and the text 'Program exited with code 0'.

```
▶ Run Line Numbers Runnable C
1 #include <stdio.h>
2
3 int main(){
4     puts("Hello world!");
5 }
```


Hello world!

✓ Program exited with code 0

If the code snippet generates any output files or images, they are automatically returned.

```
▶ Run Line Numbers Runnable R
```

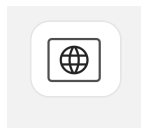
```
1 png('plot.png')
2 plot(sin, -pi, 2 * pi)
```



✓ Program exited with code 0

Sample R code which produces the figure `plot.png`. The figure can be viewed in full screen by clicking on it.


Web Snippets



The Web Snippet allows you to insert HTML along with any associated JavaScript and CSS content.

```
Preview HTML CSS JavaScript Settings Fullscreen
```

```
1 <div>
2   <h1>Hello!</h1>
3 </div>
```

You can choose which tabs are displayed to the viewer by clicking on the  icon:

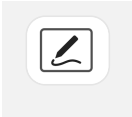
Layout Tabbed Seamless

Tabs Preview HTML CSS JavaScript

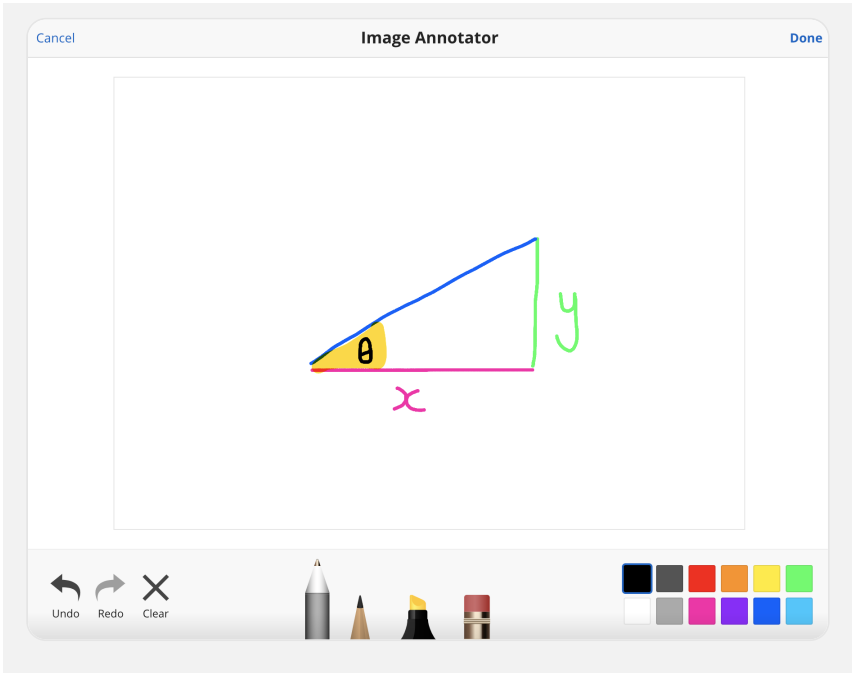
Show preview below code

This seamless mode will display the snippet's content in a borderless frame. This is ideal for embedding iframes and widgets.

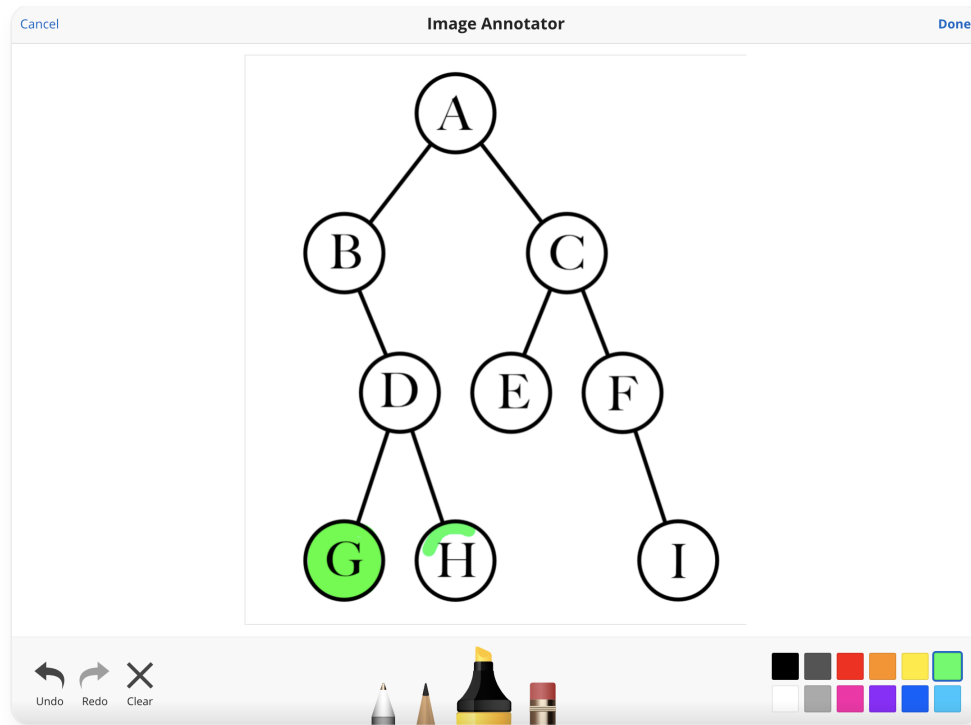
Image Annotation



You can create quick diagrams using the annotate tool by bringing up a blank canvas.



Or annotate any existing images.



Markdown Shortcuts

Ed supports the following Markdown shortcuts for formatting text as you type.

```
*italics*  
**bold**  
# heading  
## subheading  
> block quote  
`inline code`  
``code block``  
* bullet point
```

LaTeX Math Equations

Equation Editor

You can access the equation editor using the **Insert Math** button Σ .

You can construct an equation by simply clicking on the icon displaying the relevant element.

Recent **Layout** Operator Greek Alphabet Symbol Arrow Trigonometry Calculus Matrix

$ x $	$\{x\}$	$[x]$	(x)	\sqrt{x}	$\sqrt[x]{y}$	$\frac{x}{y}$	\vec{x}	\hat{x}	\bar{x}
x^y	x_y	x_z^y							

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

`\frac{-b\pm\sqrt{b^2-4ac}}{2a}`

LaTeX Mathematics Guide Cancel **OK**

The LaTeX equation editor allows you to generate equations interactively. Additionally, the corresponding LaTeX code will be displayed at the bottom which can also be edited directly.

Once finished, click on the **OK** button.

Preview
Close

The quadratic equation is $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

The quadratic equation is

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

A preview of a rendered inline LaTeX equation and a display LaTeX equation.

You can also enter multiline equations inside `$$` blocks:

```

$$
\begin{aligned}
x &= \sum_{i=1}^5 i \\
&= 1 + 2 + 3 + 4 + 5 \\
&= 15
\end{aligned}

```



```
\end{aligned}  
$$
```

Preview

[Close](#)

$$\begin{aligned}x &= \sum_{i=1}^5 i \\ &= 1 + 2 + 3 + 4 + 5 \\ &= 15\end{aligned}$$

Rendered multiline equation

Ed uses [KaTeX](#) as the renderer. Please see the KaTeX documentation for [supported functions](#).

Tables

Tables with LaTeX

Tables can be created using inline LaTeX. This is done using the `array` environment.

Example:

```
$$  
\begin{array}{l|l|l|l}  
 \hline  
 \text{\textbf{Column 1}} & \text{\textbf{Column 2}} & \text{\textbf{Column 3}} & \\ \hline  
 \text{A} & \text{1} & \text{X} & \\ \text{B} & \text{2} & \text{Y} & \\ \text{C} & \text{3} & \text{Z} & \\ \text{D} & \text{4} & \text{W} & \\ \hline  
\end{array}  
$$
```

Tables with HTML and Web Snippets

Tables can be created in HTML and inserted as a Web Snippet. The content is written in HTML and the formatting is done in CSS. Be sure to use the *seamless* mode.

Example:

HTML

```
<table>  
  <tr>  
    <th>Column 1</th>
```

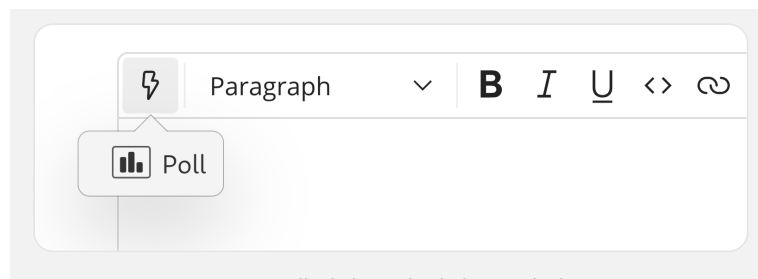
```
<th>Column 2</th>
<th>Column 3</th>
</tr>
<tr>
  <td>A</td><td>1</td><td>X</td>
</tr>
<tr>
  <td>B</td><td>2</td><td>Y</td>
</tr>
<tr>
  <td>C</td><td>3</td><td>Z</td>
</tr>
<tr>
  <td>D</td><td>4</td><td>W</td>
</tr>
</table>
```

CSS

```
table, th, tr, td {
  padding: 10px;
  border: 1px solid #ddd;
  border-collapse: collapse;
}
```

Creating Polls

For a quick class survey, instructors can set up a poll. This allows you to have up to 10 options, and you can choose whether single answers or multiple answers are allowed by toggling the **Multiple Answers** option.



To create a poll, click on the lightning bolt icon.

The poll creation menu interface includes the following elements:

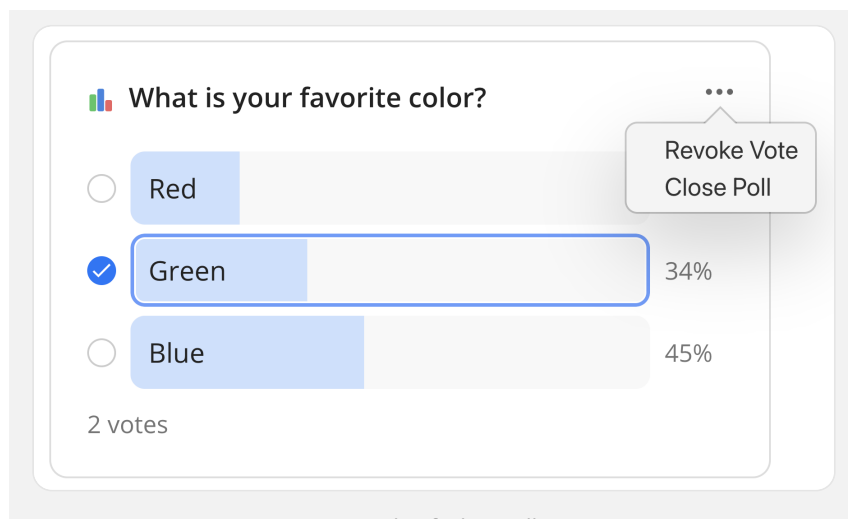
- Question:** A text input field with the placeholder text "Ask a question".
- Poll options:** Two input fields containing "Option 1" and "Option 2", each with a close button (X) on the right.
- Add Option:** A button with a plus sign and the text "+ Add Option".
- Capacity:** A message stating "You can add 10 more options".
- Settings:** Two checkboxes: "Multiple answers" and "Close automatically". The "Close automatically" checkbox is selected and is followed by a dropdown menu showing "in 1 day".
- Create:** A blue button labeled "Create" at the bottom right.

The poll creation menu

Additionally, you can set a time at which the poll will automatically close.

After the user casts a vote, they are able to see the results of the poll. Users are also able to revoke and recast their vote. Additionally, instructors are able to manually close the poll.

After a poll has been closed, votes cannot be edited and the poll results are displayed to everyone. Instructors can also reopen a closed poll.



Example of a live poll.