

# Learning Journal

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## Abstract

Transferring Cloudstor learning journal document into this format.

## 1 Introduction

Your introduction goes here! Some examples of commonly used commands and features are listed below, to help you get started. If you have a question, please use the help menu (“?”) on the top bar to search for help or ask us a question.

## 2 Some examples to get started

### 2.1 How to add Comments

Comments can be added to your project by clicking on the comment icon in the toolbar above. To reply to a comment, simply click the reply button in the lower right corner of the comment, and you can close them when you’re done.

### 2.2 How to include Figures

First you have to upload the image file from your computer using the upload link in the project menu. Then use the `includegraphics` command to include it in your document. Use the `figure` environment and the `caption` command to add a number and a caption to your figure. See the code for Figure 1 in this section for an example.

### 2.3 How to add Tables

Use the `table` and `tabular` commands for basic tables — see Table 1, for example.

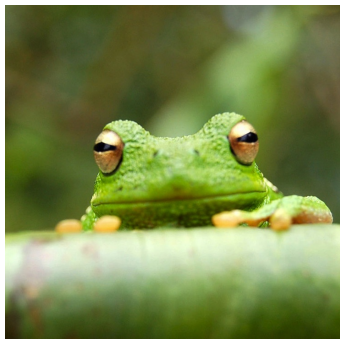


Figure 1: This frog was uploaded via the project menu.

Item	Quantity
Widgets	42
Gadgets	13

Table 1: An example table.

## 2.4 How to write Mathematics

L<sup>A</sup>T<sub>E</sub>X is great at typesetting mathematics. Let  $X_1, X_2, \dots, X_n$  be a sequence of independent and identically distributed random variables with  $E[X_i] = \mu$  and  $\text{Var}[X_i] = \sigma^2 < \infty$ , and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as  $n$  approaches infinity, the random variables  $\sqrt{n}(S_n - \mu)$  converge in distribution to a normal  $\mathcal{N}(0, \sigma^2)$ .

## 2.5 How to create Sections and Subsections

Use section and subsections to organize your document. Simply use the section and subsection buttons in the toolbar to create them, and we'll handle all the formatting and numbering automatically.

## 2.6 How to add Lists

You can make lists with automatic numbering ...

1. Like this,
2. and like this.

... or bullet points ...

- Like this,
- and like this.

## 2.7 How to add Citations and a References List

You can upload a `.bib` file containing your BibTeX entries, created with JabRef; or import your [Mendeley](#), CiteULike or Zotero library as a `.bib` file. You can then cite entries from it, like this: [\[Gre93\]](#). Just remember to specify a bibliography style, as well as the filename of the `.bib`.

You can find a [video tutorial here](#) to learn more about BibTeX.

We hope you find Overleaf useful, and please let us know if you have any feedback using the help menu above — or use the contact form at <https://www.overleaf.com/contact>!

## References

- [Gre93] George D. Greenwade. The Comprehensive Tex Archive Network (CTAN). *TUGBoat*, 14(3):342–351, 1993.