

A tutorial on how to use Documentation Software

First Navigate to the GitHub repository I provided.

<https://github.com/Robotics-Club-IOEPC/doc-templates>

You will now download everything present there as a zip.

The screenshot shows the GitHub repository page for 'Robotics-Club-IOEPC/doc-templates'. The repository is public and has 22 commits. The code tab is selected, showing a list of files and their recent activity. The repository is described as 'Templates for Documentaiton of Robotics Bootcamp'. It includes sections for About, Releases, Packages, and Languages.

About

Templates for Documentaiton of Robotics Bootcamp

Code

main · 1 Branch · 0 Tags

Go to file

22 Commits

scientiac add: note telling the presentation was made with typst

images add: images to show how everything should look like to know... yesterday

latex remove: main.pdf from the templates folder yesterday

slides add: note telling the presentation was made with typst 14 hours ago

typst remove: main.pdf from the templates folder yesterday

.gitignore ignore: main.pdf on both template folders yesterday

LICENSE Initial commit yesterday

README.md readme: properly format yesterday

latex.pdf add: examples of the rendered documents yesterday

typst.pdf add: examples of the rendered documents yesterday

Readme

MIT license

doc-templates

Templates for Documentaiton of Robotics Bootcamp

About

Readme

MIT license

Activity

Custom properties

0 stars

0 watching

2 forks

Report repository

Releases

No releases published

Packages

No packages published

Languages

Typst 54.6% TeX 45.4%

Click on the Green Button that says Code

Then there is an option to download zip, download the zip.

The screenshot shows a GitHub repository page for 'Robotics-Club-IOEPC / doc-templates'. The 'Code' tab is selected. A context menu is open over a commit message from 'scientiac' dated 'yesterday'. The menu includes options for 'Clone' via HTTPS or GitHub CLI, and 'Download ZIP', which is highlighted with a blue background. The repository page also displays a list of files and commits, along with sections for 'About', 'Releases', 'Packages', and 'Languages'.

About

Templates for Documentaiton of Robotics Bootcamp

Readme
MIT license
Activity
Custom properties
0 stars
0 watching
2 forks
Report repository

Releases

No releases published

Packages

No packages published

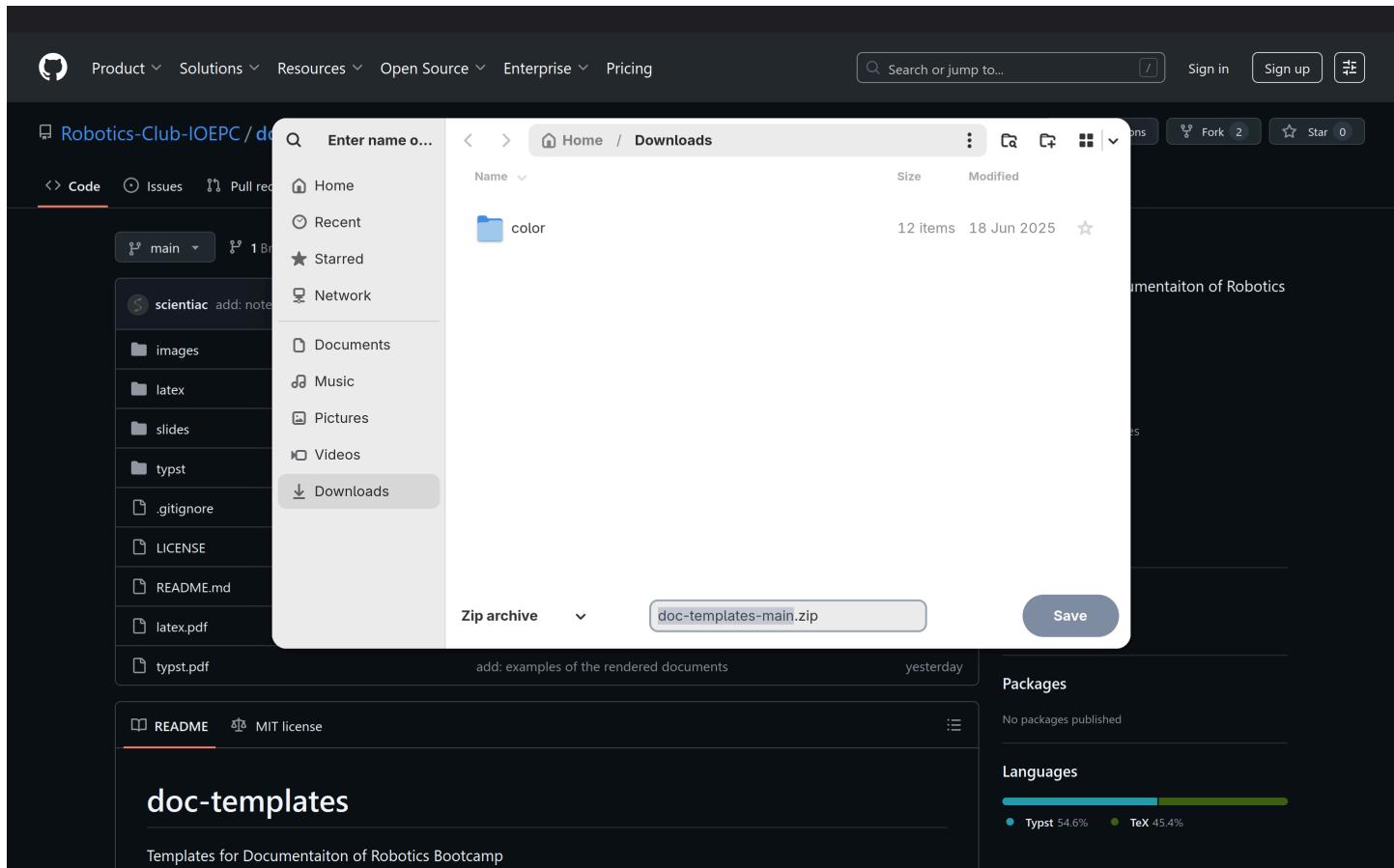
Languages

Typst 54.6% TeX 45.4%

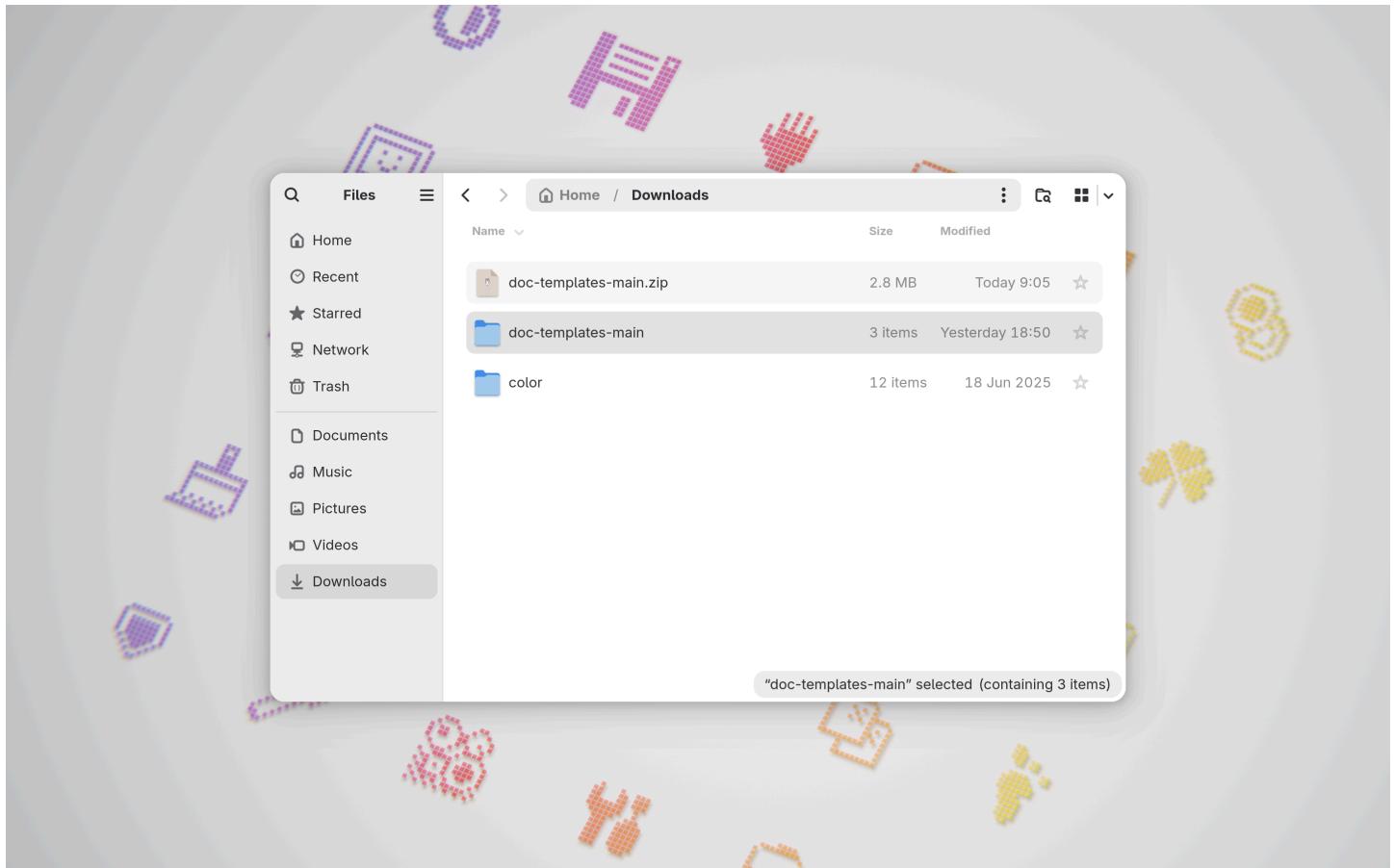
github.com/Robotics-Club-IOEPC/doc-templates/archive/refs/heads/main.zip

Save the zip file to the folder of your choice.

If you don't get this confirmation it is probably in your Downloads folder.



Extract the zip file and you will get the folder.

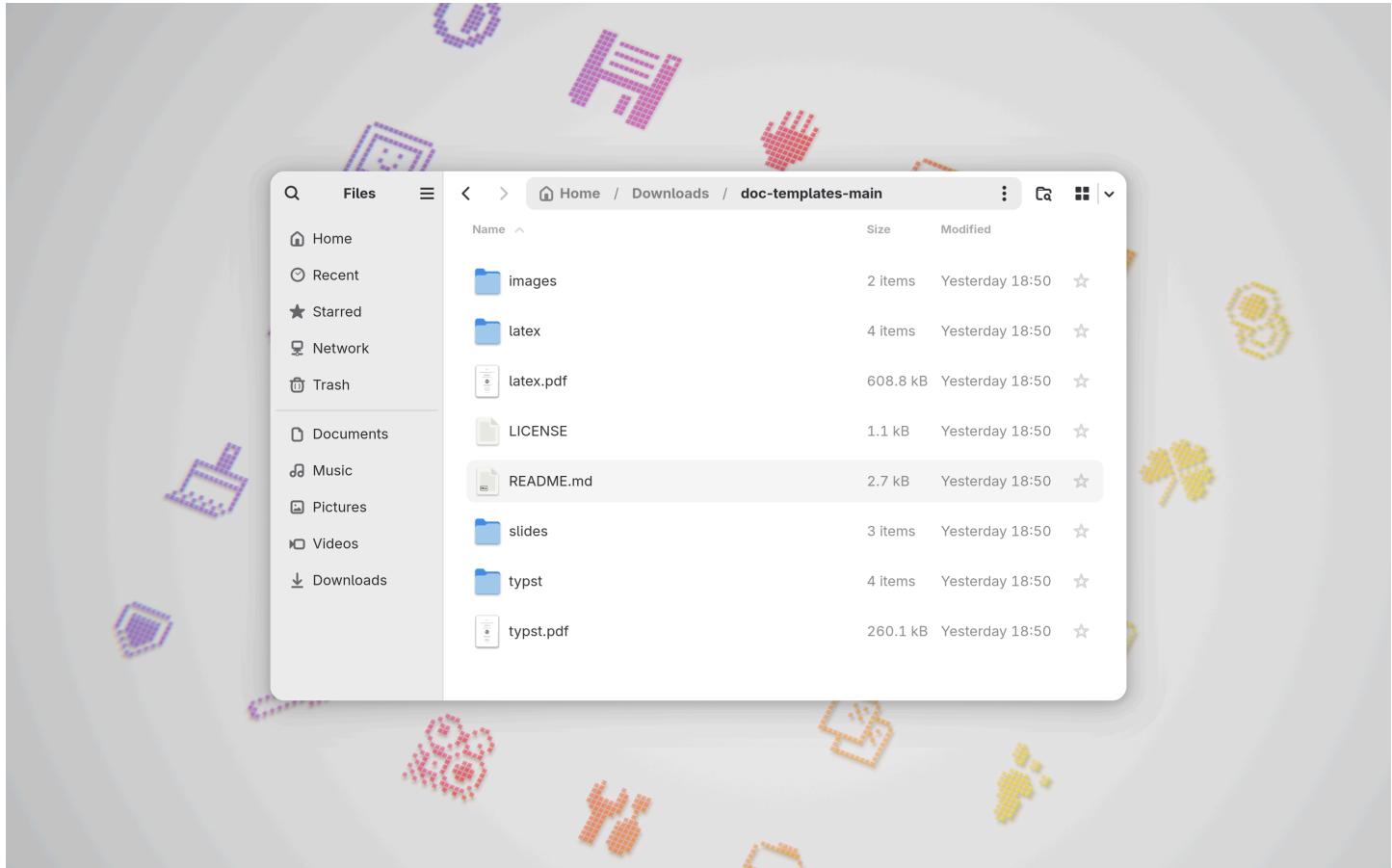


Open the folder you extracted.

Now you click on whatever software you want to use.

Here I will use typst

You can also use latex

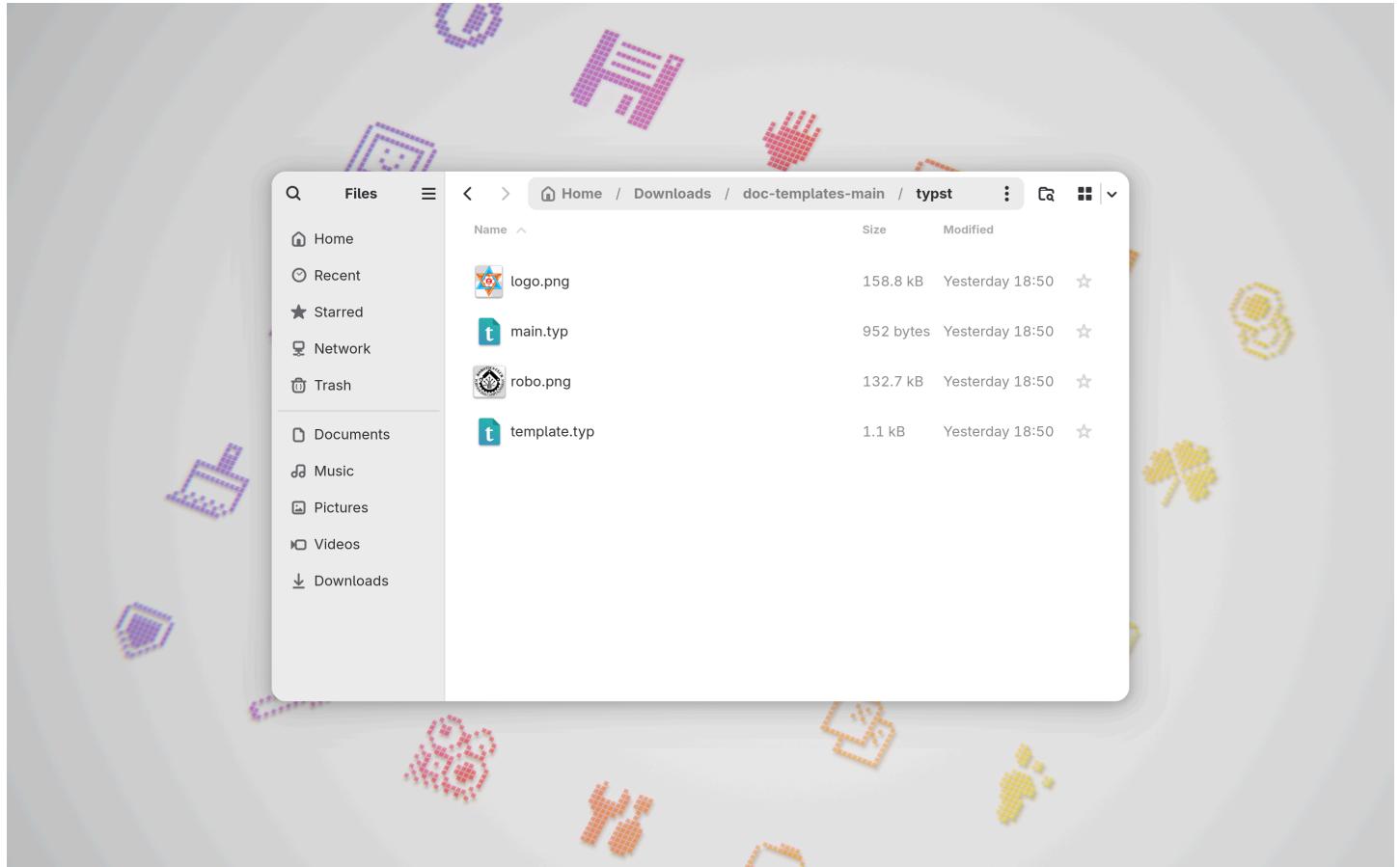


You can see there are 4 files in the typst folder, these are the file you'll need to upload to the typst.app

<https://typst.app>

If you want to use LaTeX you can follow the same instruction from here on but instead of going to typst.app you need to go to overleaf.com

<https://www.overleaf.com>



Go to <https://typst.app> on your web browser and make an account.

The screenshot shows the Typst application interface. On the left, there's a code editor window with a toolbar above it containing buttons for bold (B), italic (I), underline (U), heading (H), lists (three icons), sigma (Σ), and other symbols. The code editor contains a snippet of a Typst template:

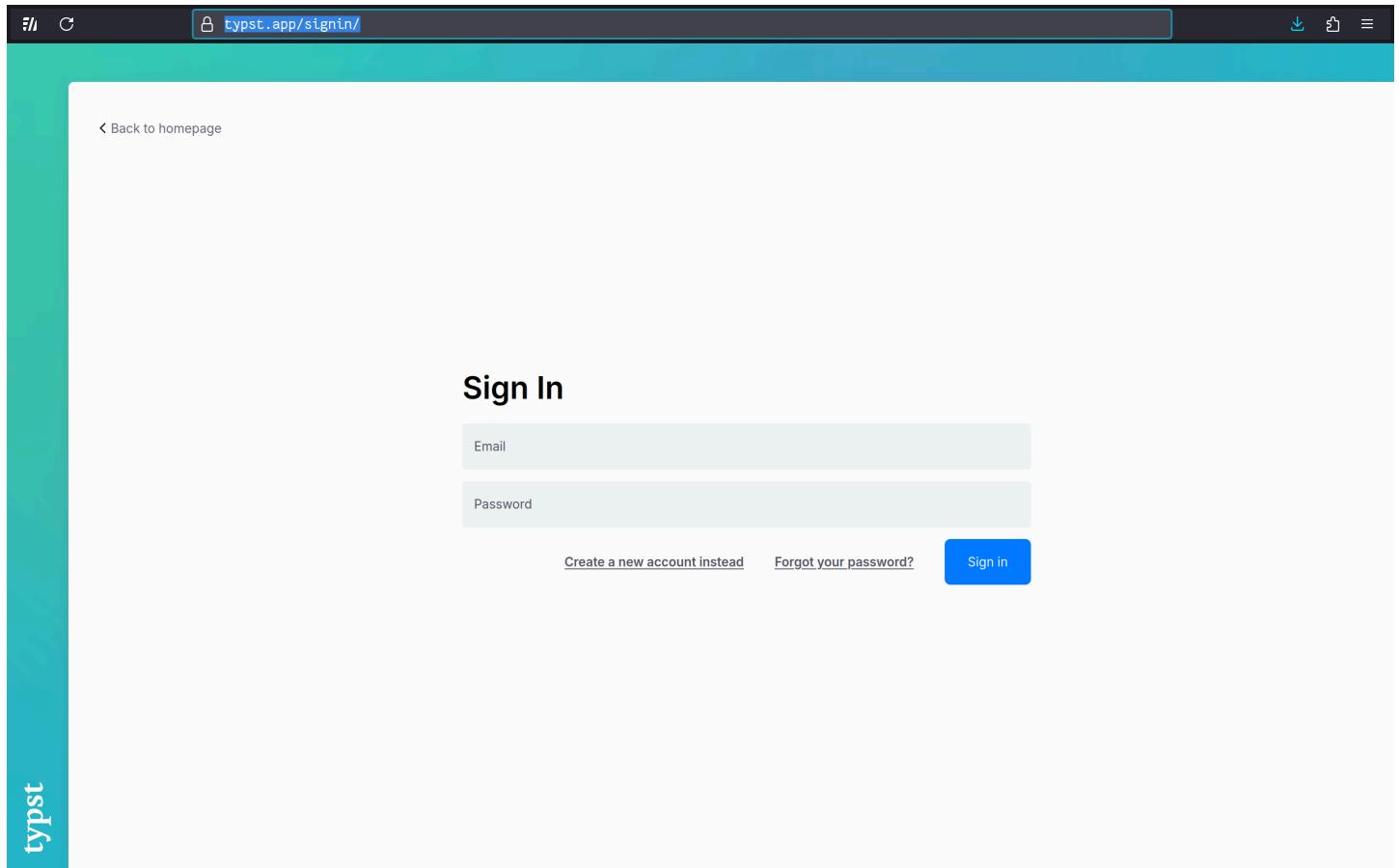
```
1 #import "template.typ": *
2 #show: paper.with(
3   title: [Towards Swifter Interstellar Mail Delivery],
4   date: [May 17th, 2022],
5   // ...
6 )
7
8 = Introduction To A-Mail Delivery. Johanna
9 Our concept suggests three ways that A-Mail can be best utilized.
10
11 - First is to reduce the probability of the failure of a space mission. This
12 problem is known as the Mars problem and suggests problems with human
13 communication.
14
15 - High round-trip times. Nicos
16 - In contrast, the delivery speed of an A-Mail can be determined through this simple formula:
$ v(t) = lim_(t -> oo) integral_t^oo c dot.op sqrt(t^2) dif t $
```

The right side of the interface shows a preview of the document titled "Space Mail". The preview includes the title, authors (Johanna Swift, Egon Stellaris, Oliver Liam), date (May 17th, 2022), and a section titled "Towards Swifter Interstellar Mail Delivery". It also features a diagram illustrating the distance between Earth and Mars during an interplanetary transit, with a formula for calculating velocity:

$$v(t) = \lim_{t \rightarrow \infty} \int_t^\infty c \cdot \sqrt{r^2} dt$$

Below the preview, there are two buttons: "Sign up for free and try it now!" and "View on GitHub".

Sign in to your account.



I have a project there but you will have nothing.

Click on the Empty Document button to make a new typst project.

The screenshot shows the typst.app dashboard. At the top, there's a navigation bar with icons for file operations (New, Open, Save, etc.) and a search bar labeled "typst.app". Below the navigation is a header with "Typst" and "Project" tabs, and a user profile "scientiac's Typst". A search bar "Search in projects" is present. On the left, a sidebar has a "+" icon and the text "Projects Dashboard". The main area shows a card for "Empty document Start from scratch" and another for "Start from template Configure a template to get going". There are sorting options ("sort by last modified") and a "Upgrade to Typst Pro" button. On the right, there are links for learning, exploring packages, chatting, and asking questions. A sidebar on the left includes icons for settings, help, and GitHub, with the "typst" logo at the bottom. A message at the bottom center says "✓ Project bootcamp deleted".

Name the project (project is just a set of files that you use to make the document)

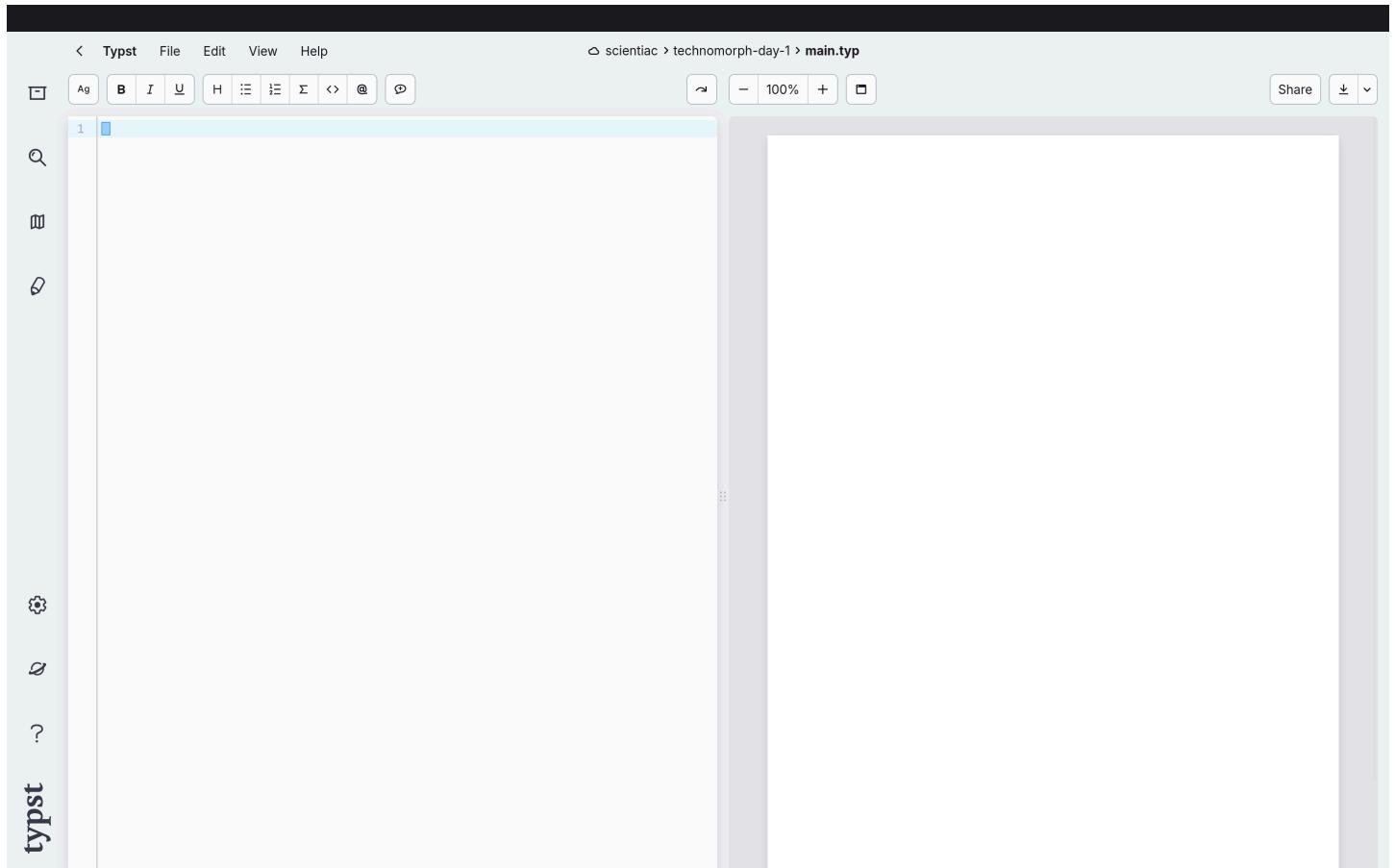
I named it **technomorph-day-1**

The screenshot shows the Typst dashboard interface. At the top, there's a navigation bar with links for 'Typst', 'Project', 'Team', 'View', and 'Help'. The user is identified as 'scientiac's Typst'. On the left, there's a sidebar with icons for 'Projects' (a plus sign), 'Dashboard', 'Suchi' (a blue gradient card labeled 'SUCHI'), 'Settings', 'Logout', and 'typst'. The main area is titled 'My Projects' and contains two cards: 'Empty document' (Start from scratch) and 'Start from template' (Configure a template to get going). To the right of these cards are 'sort by' options ('last modified') and a 'Create project' dialog box. The dialog box has a title 'Create project' and a field labeled 'Project name' containing 'technomorph-day-1'. Below the field is a blue 'Create' button. To the right of the dialog are several informational cards: 'Learn how to use Typst', 'Explore packages and templates', 'Chat and learn with the community', and 'Ask questions on the Forum'. At the bottom right of the dashboard, there's a link to 'GitHub'.

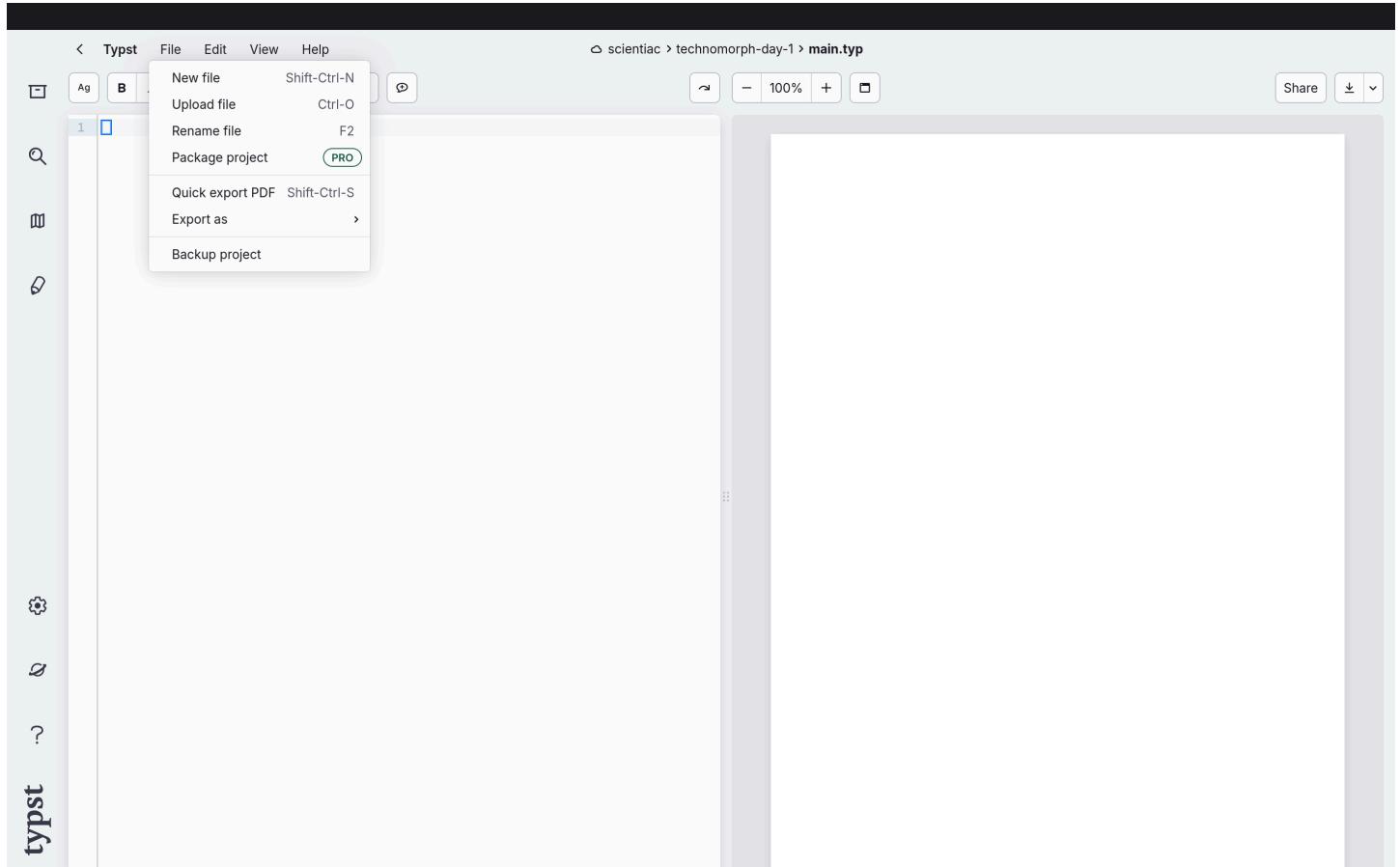
Then you will get this screen.

On the top left, you can see the naviagtion bar.

Click on files button



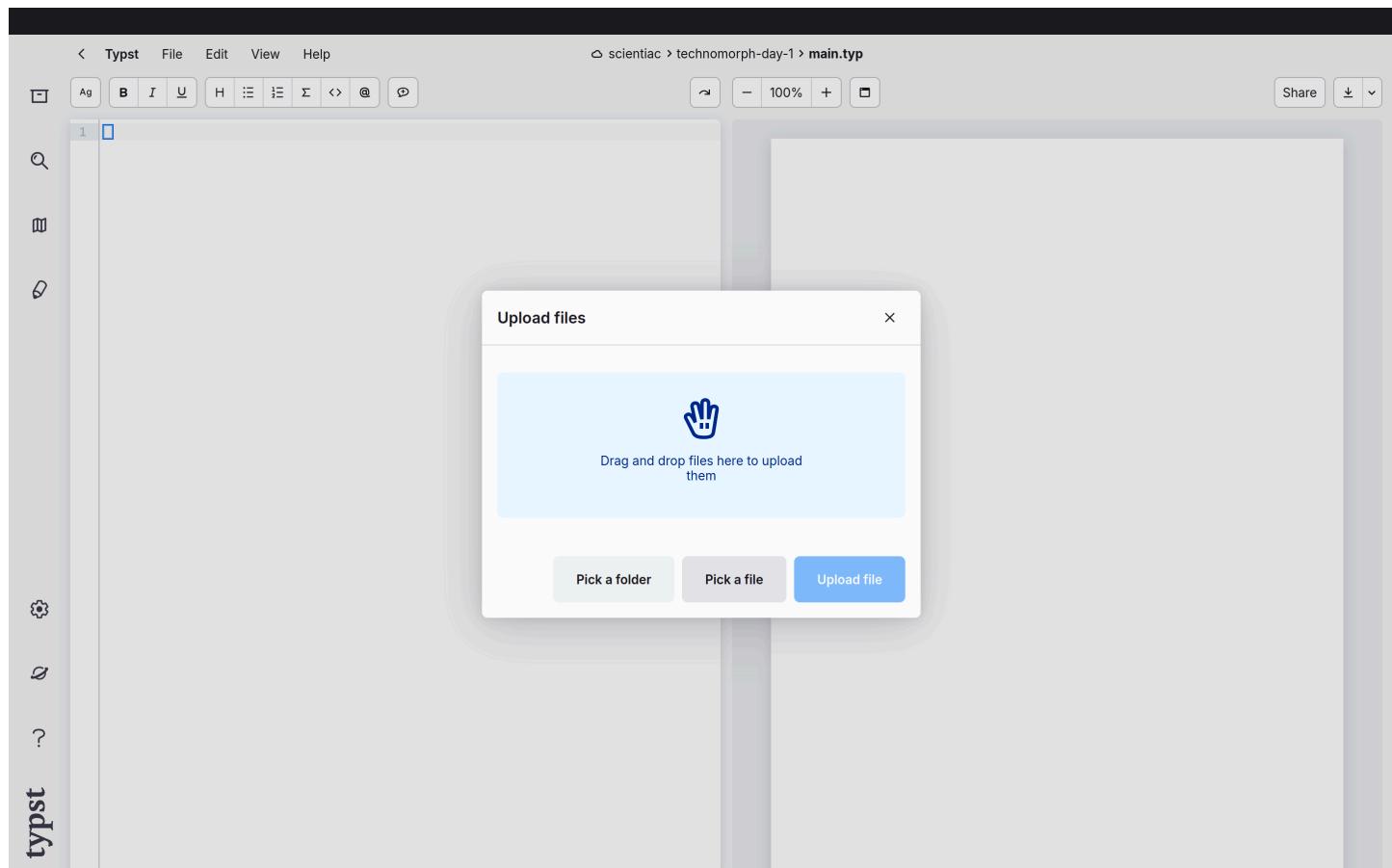
Then click on upload file button.



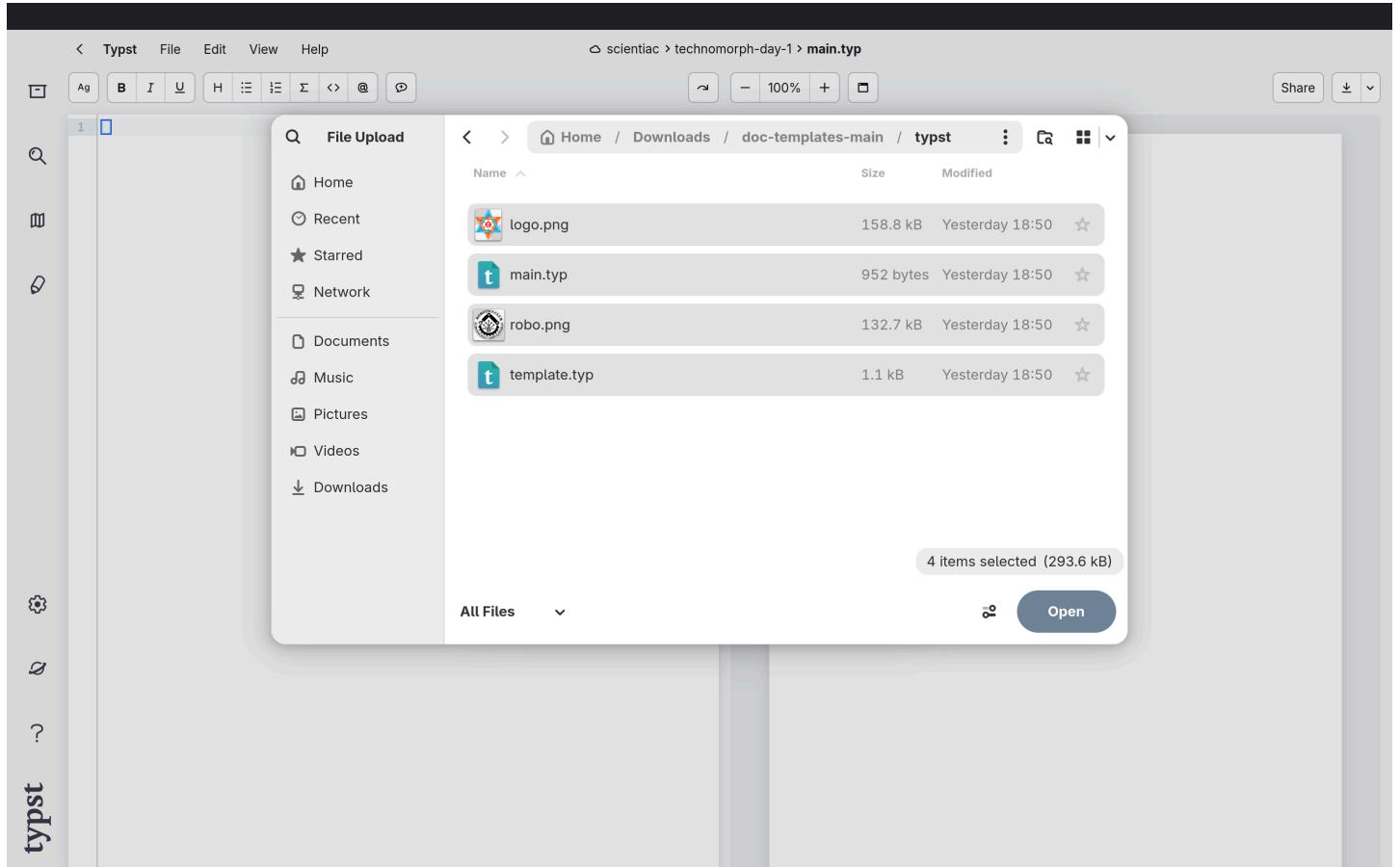
The pop up asks you to drag the files.

You can drag the files from the typst folder we just extracted and navigated to.

Or, you can click on **pick a file** button, then navigate to the typst template folder you extracted and navigated to from the previous steps.

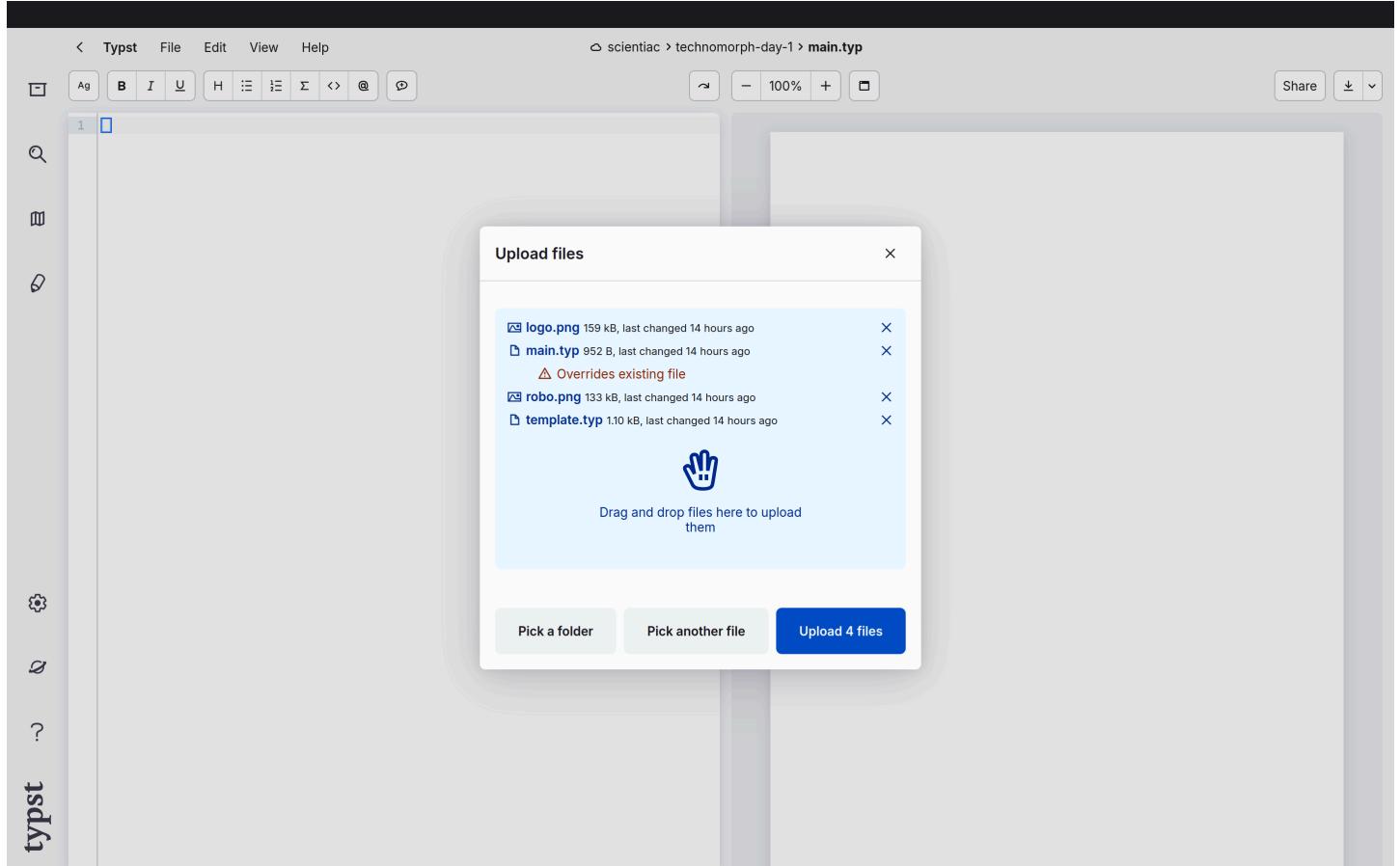


Select all the files from that folder and open them.



There is a warning that it will override the existing main file, ignore it!

Click on Upload 4 Files button



Now you will see this screen.

If you don't upload all 4 files and leave out one, you will get errors and wont see this screen, so do it properly.

The screenshot shows the Typst editor interface. On the left, the code editor displays a Typst template file named `main.typ`. The code includes imports, a cover page configuration, regular text, a code block, and a figure block for a logo. On the right, the preview pane shows the generated LaTeX code and the resulting PDF document. The PDF contains a cover page with the title "Day 1: Introduction to Robots and Robotics <Title>", author "Issac Asimov <Your Name> PUR031ABC041 <Your Roll>", date "3014-03-14 <ISO Date>", and a "SOME NOTES ON" section. It also features the Tribhuvan University logo and the Robotics Club logo for Purwanchal Campus, Dharamshala. The generated LaTeX code is as follows:

```
\documentclass{article}
\usepackage{scientiac}
\begin{document}

\title{Day 1: Introduction to Robots and Robotics <Title>}
\author{Issac Asimov <Your Name>\\PUR031ABC041 <Your Roll>\\Albert Einstein <Instructor's Name>\\}
\date{3014-03-14 <ISO Date>}

\begin{center}
\textbf{SOME NOTES} \\ \textbf{ON} \\[1ex]
\textbf{Day 1: Introduction to Robots and Robotics <Title>} \\[1ex]
\textbf{By} \\[1ex]
\textbf{Issac Asimov <Your Name>} \\[1ex]
\textbf{PUR031ABC041 <Your Roll>} \\[1ex]
\textbf{To} \\[1ex]
\textbf{Albert Einstein <Instructor's Name>} \\[1ex]
\end{center}

\begin{center}
\textbf{ROBOTICS CLUB} \\[1ex]
\textbf{PURWANCHAL CAMPUS} \\[1ex]
\textbf{DHARAN, NEPAL} \\[1ex]
3014-03-14 <ISO Date>
\end{center}

\end{document}
```

If you click on the first icon on the side panel you will see the files you uploaded.

The screenshot shows the Typst application interface. On the left, there's a sidebar with icons for Typst, File, Edit, View, Help, Explore files, and Share. Below these are icons for search, refresh, and help. The main area has tabs for 'Ag' and 'main.typ'. The file tree on the left shows four files: logo.png, main.typ (selected), robo.png, and template.typ. The code editor on the right displays the 'main.typ' file content:

```
1 #import "template.typ": cover
2
3 #show: cover.with(
4   title: "Day 1: Introduction to Robots and Robotics <Title>",
5   by: (
6     (
7       name: "Issac Asimov <Your Name>",
8       rollno: "PUR031ABC041 <Your Roll>",
9     ),
10    ),
11   to: "Albert Einstein <Instructor's Name>",
12   logo: "robo.png",
13   date: "3014-03-14 <ISO Date>",
14 )
15
16
17 = Heading
18 == Second Heading
19
20 This is regular text.
21
22 ````cpp
23 # This is a code block.
24 print("Hello")
25 ````

26
27 === Third Heading
28 - This is an unnumbered list.
29 - This is also an unnumbered list.
30
31 + This is a numbered list.
32 + This is also a numbered list.
33
34
35 #figure(image("logo.png", width: 50%), caption: [Logo of
Tribhuvan University.])
36
37 #align(center,[
38 #table(
39   columns: 2,
40   [One], [Plan],
41   [Two], [Draft],
42   [Three], [Document],
```

The right panel shows the generated document preview. It includes a header with 'SOME NOTES ON Day 1: Introduction to Robots and Robotics <Title> By Issac Asimov <Your Name> PUR031ABC041 <Your Roll> To Albert Einstein <Instructor's Name>'. Below this is a circular logo for 'ROBOTICS CLUB PURWANCHAL CAMPUS DHARAN, NEPAL'. At the bottom, it says 'TRIBHUWAN UNIVERSITY INSTITUTE OF ENGINEERING ROBOTICS CLUB PURWANCHAL CAMPUS DHARAN, NEPAL 3014-03-14 <ISO Date>'.

Now, change the text with your details.

The screenshot shows a text editor window with a light gray background. At the top, there is a menu bar with the following items: '<' (back), 'Typst' (highlighted in blue), 'File', 'Edit', 'View', and 'Help'. To the right of the menu is a small cloud icon. Below the menu is a toolbar with several icons: a square with a minus sign, 'Ag' (align), bold ('B'), italic ('I'), underline ('U'), a horizontal line ('H'), a list icon (':≡'), a fraction icon ('½≡'), a sigma symbol ('Σ'), a less than/greater than icon ('<>'), an '@' symbol, and a plus sign ('⊕').

The main area of the editor contains a code template for a document cover. The code is numbered from 1 to 16 on the left. The content of the code is as follows:

```
1 #import "template.typ": cover
2
3 #show: cover.with(
4     title: "Day 1: Introduction to Robots and Robotics",
5     by: (
6         (
7             name: "Spandan Guragain",
8             rollno: "PUR078BCT086",
9         ),
10    ),
11    to: "Albert Einstein",
12    logo: "robo.png",
13    date: "2025-06-30",
14 )
```

Line 13, which contains the date '2025-06-30', is highlighted with a light blue background. On the far left of the code area, there are six small icons: a magnifying glass, a double-page spread, a clipboard, and three other icons whose meanings are not immediately clear.

Then change the content with your documentation of what you learned.

A quick tutorial:

=, ==, === : Make Headings
text : Make normal text
+ : Make numbered lists
- : Make bullet lists

The template contains examples on how to write in typst and if you want to do more, you can check the typst documentation on their website.

<https://typst.app/docs/>

When you have finished writing your documentation, you need to download the pdf.

Click on the bottom facing arrow icon on the top right of the screen and download the PDF.

The screenshot shows the Typst application interface. On the left, the code editor displays a LaTeX template named `main.typ`. The code includes sections for a cover page, a table of contents, and documentation about robots. On the right, the generated PDF output is shown. The PDF header includes the university's name, Robotics Club information, and a date. The main content of the PDF mirrors the LaTeX code, showing sections like "Day 1: Introduction to Robots and Robotics" and "About Documentation".

```
1 #import "template.typ": cover
2
3 #show: cover.with(
4   title: "Day 1: Introduction to Robots and Robotics",
5   by: (
6     {
7       name: "Spandan Guragain",
8       rollno: "PUP078BCT086",
9     },
10    ),
11   to: "Albert Einstein",
12   logo: "robo.png",
13   date: "2025-06-30",
14 )
15
16
17 = Day 1: Introduction to Robots and Robotics
18 == Introduction to Robots
19 I didn't know that there were so many varieties of robots.
20
21 + Industrial Robots
22 + Service Robots
23 + Medical Robots
24 + Exploration Robots
25 + Humanoid Robots
26 + Autonomous Robots
27 + Educational Robots
28 + Military and Defense Robots
29 + Agricultural Robots
30 + Swarm Robots
31
32 == About Version Control
33 I realize I really have to learn git.
34
35 == About Documentation
36 I am fascinated with Typst but I am sad that I have to Learn LaTeX too.
```

TRIBHUVAN UNIVERSITY
INSTITUTE OF ENGINEERING
ROBOTICS CLUB
PURWANCHAL CAMPUS
DHARAN, NEPAL
2025-06-30

1 Day 1: Introduction to Robots and Robotics

1.1 Introduction to Robots

I didn't know that there were so many varieties of robots.

1. Industrial Robots
2. Service Robots
3. Medical Robots
4. Exploration Robots
5. Humanoid Robots
6. Autonomous Robots
7. Educational Robots
8. Military and Defense Robots
9. Agricultural Robots
10. Swarm Robots

1.2 About Version Control

I realize I really have to learn git.

1.3 About Documentation

I am fascinated with Typst but I am sad that I have to Learn LaTeX too.

The PDF will look like this:

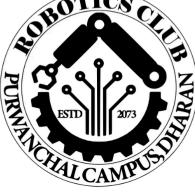
(1 of 2) Automatic Zoom

SOME NOTES
ON

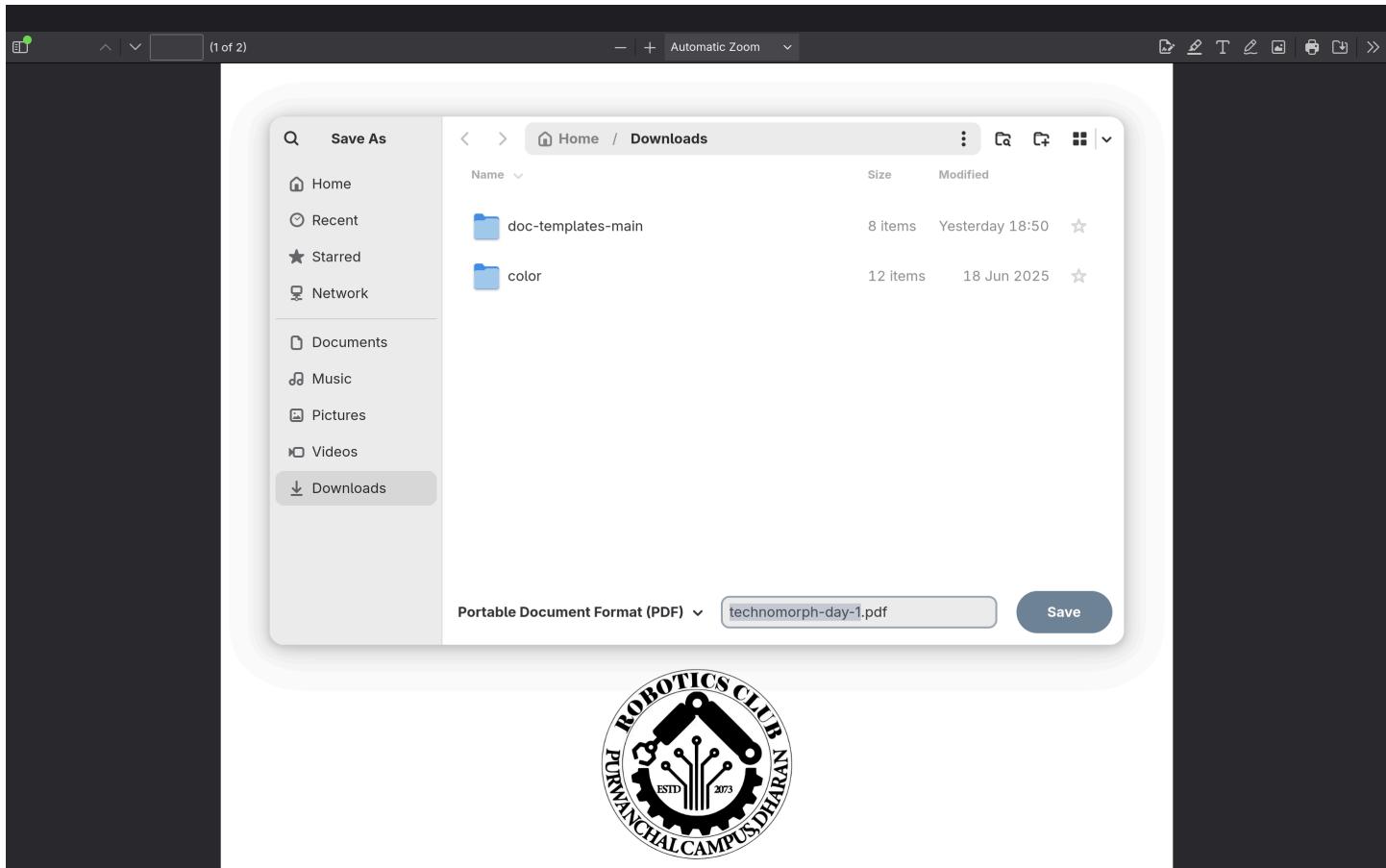
Day 1: Introduction to Robots and Robotics

BY
Spandan Guragain
PUR078BCT086

TO
Albert Einstein



Download it in your folder of choice or it will automatically download into your Downloads folder.



You can see the PDF you created in the downloads folder.

