Tutorial for the Math Presentations Shiny App

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For help or suggestions please email me at: jspaul2003@gmail.com

https://jspaul2003.shinyapps.io/MathPresentations/

1) The Sidebar:

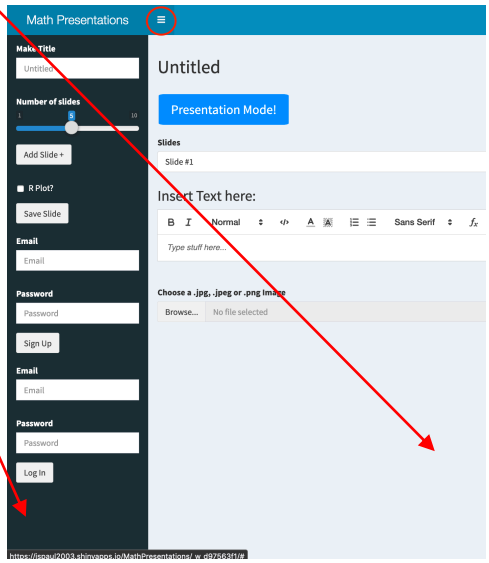
The sidebar is where you will find settings for your presentation:
- The number of slides (Maximum of 10)
- Option to have an R plot
- Title of presentation

It is also where you will be able to create an account, sign in, and find account information.

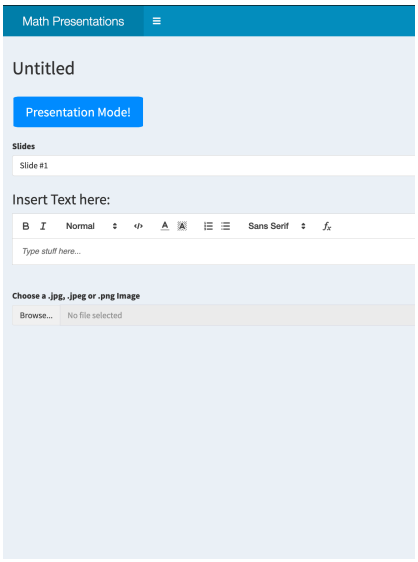
The dropdown button (circled in red) will toggle the sidebar to hide or show.

main panel

sidebar



(shown)



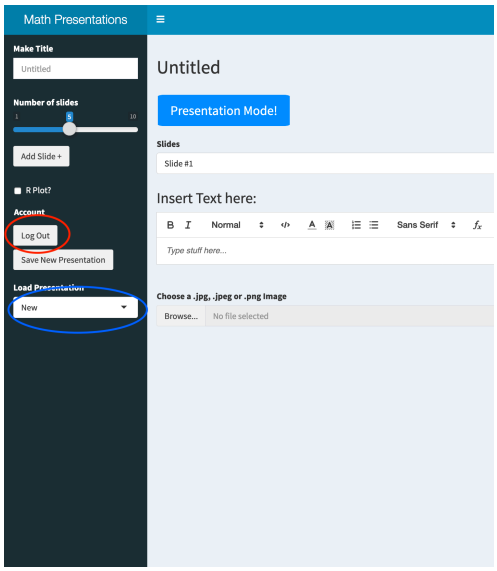
(hidden)

2) Account:

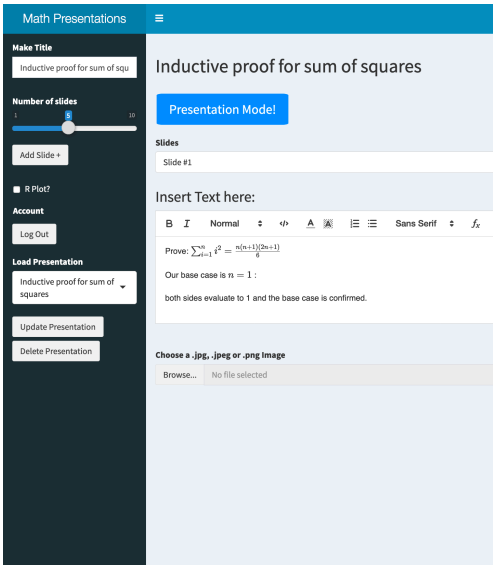
You can create an account in the side bar, by entering an email address, and password (at least 6 characters), and pressing “Sign up”. This will log you in automatically.

You can log in by entering your email address and password in the sidebar and pressing ‘Log In’.

Once logged in, you can log out by pressing the ‘Log Out’ button in the sidebar (see below).



(New presentation)



(Saved Presentation)

3) Loading and Saving:

The dropdown menu in the side bar(circled blue above) is where you will be able to access your saved presentations. By default it will be on “New”.

To save a new presentation click “Save New Presentation” in the sidebar. You will be kept on this presentation, and can find it later on the dropdown menu.

When you are on a saved presentation, you will need to click on the “Update Presentation” button in the sidebar to save any changes. **You need click this whenever you finish working on a slide to save your changes.**

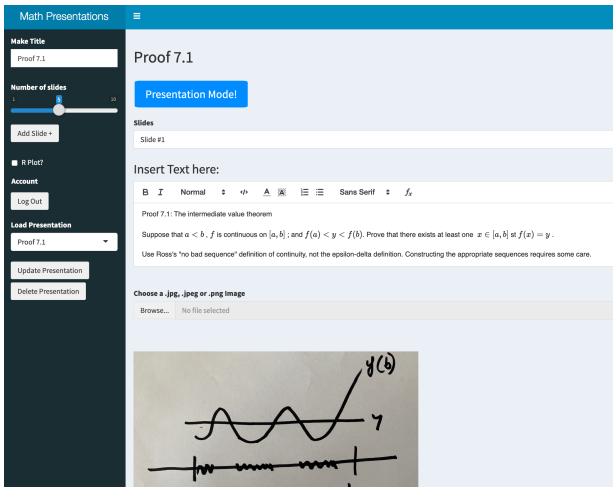
You can also delete a saved presentation by clicking “Delete Presentation” in the sidebar.

4) Presentation and Edit Mode:

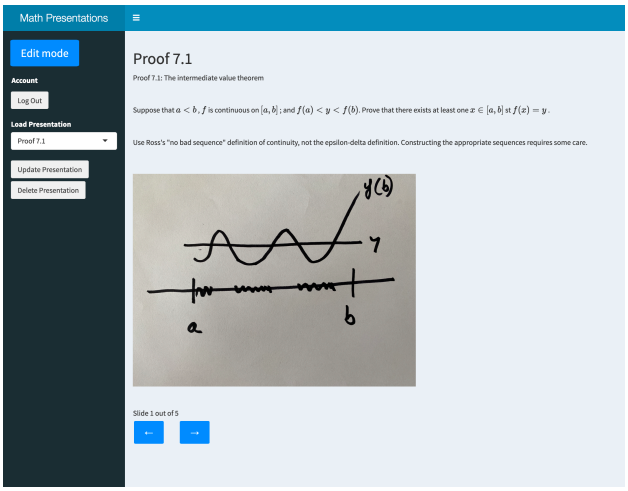
You can switch from “Edit mode” to “Presentation Mode” to hide editing features. To do this, you will need click the “Presentation mode!” button in the main panel.

To change slides in “Edit mode” click on the slide number dropdown and choose the slide. In “Presentation mode”, click on either the forward or backwards button. You can see which slide number you are on.

Likewise you can switch back to “Edit mode” by pressing the “Edit mode” button in the sidebar panel.



(Edit mode)



(Presentation mode)

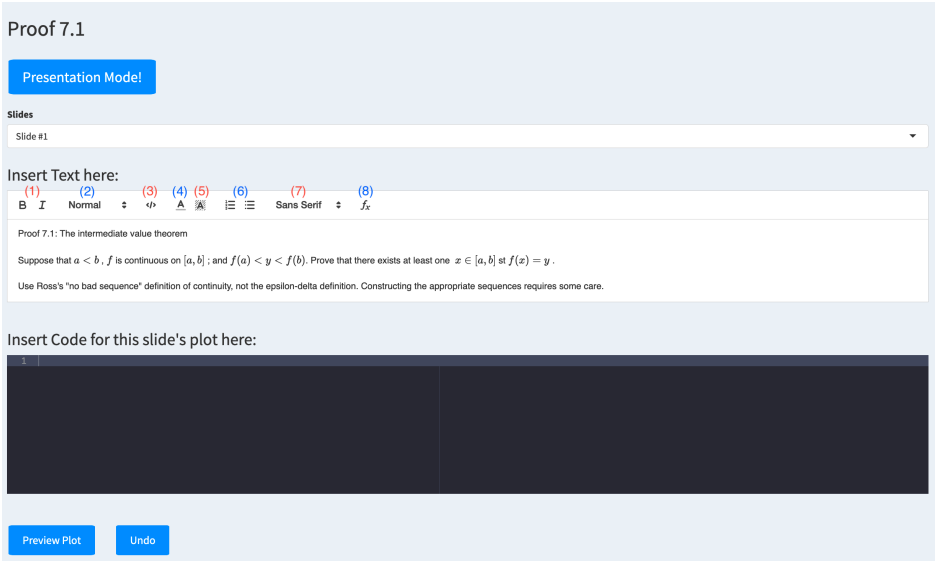
5) Details on “Edit Mode”

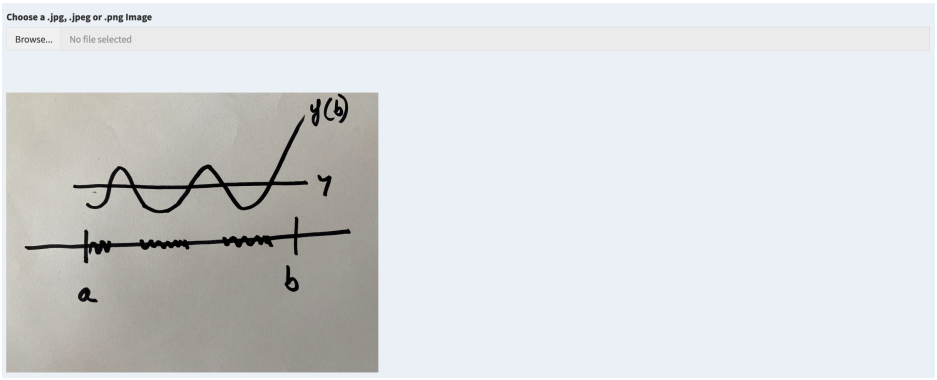
As previously mentioned, you can change the title of your presentation, the number of slides, and choose whether or not to have an R plot in the sidebar. R plots are a potential way of showing diagrams; you will need to write your script in the editor that appears below the main text editor. You can preview your plot by pressing “Preview” or press “Undo” to revert to the previous plot. All code from previous slides is run before the current slide’s code runs.

You can choose to upload a .jpg, .jpeg or .png image (as a potential way to show a diagram) to a slide on your presentation. This will display the image when presenting and editing. (note: sometimes images on the first slide when in “presentation mode” don’t show at first; to fix this move a slide forward then back).

You can write the text for your slides in the main editor. You can:

- Make text bold or italic (1)
- Choose font-size (2)
- Create a code block (3)
- Change font-color (4)
- Highlight text with a color (5)
- Add numbered and bulleted lists (6)
- Change font (7)
- Add TeX text for mathematical notation (8)





(editing tools)