

User Manual
Venn Project
Prototype
Version 4.0
Group 19

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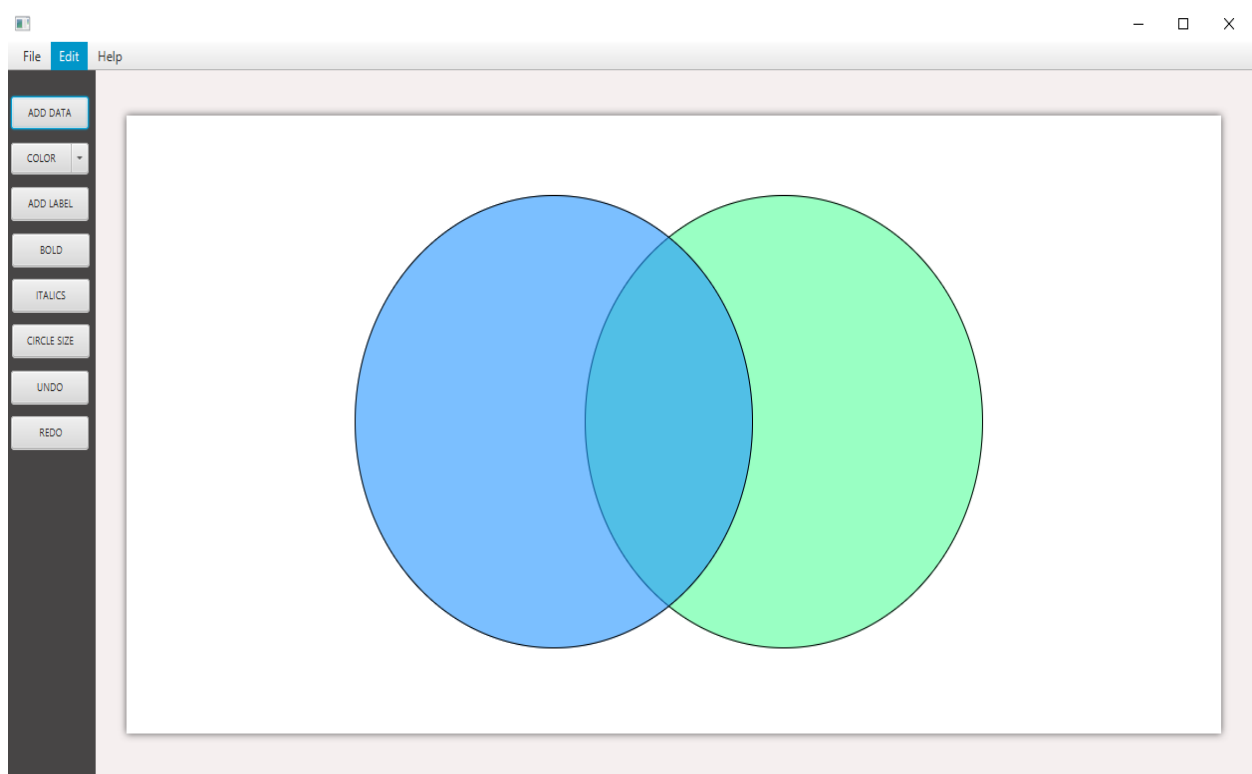
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Opening and Running the JAR File:

1. First, download the Runnable Jar file and locate it in your files.
2. In the ideal situation, you should be able to double-click on the JAR file to be able to run it.
3. If not, open up Terminal/Command Prompt and enter the directory in which the JAR is located.
4. Now type **java -jar _____ file name** and click enter, the App should now appear in a separate window on your screen.

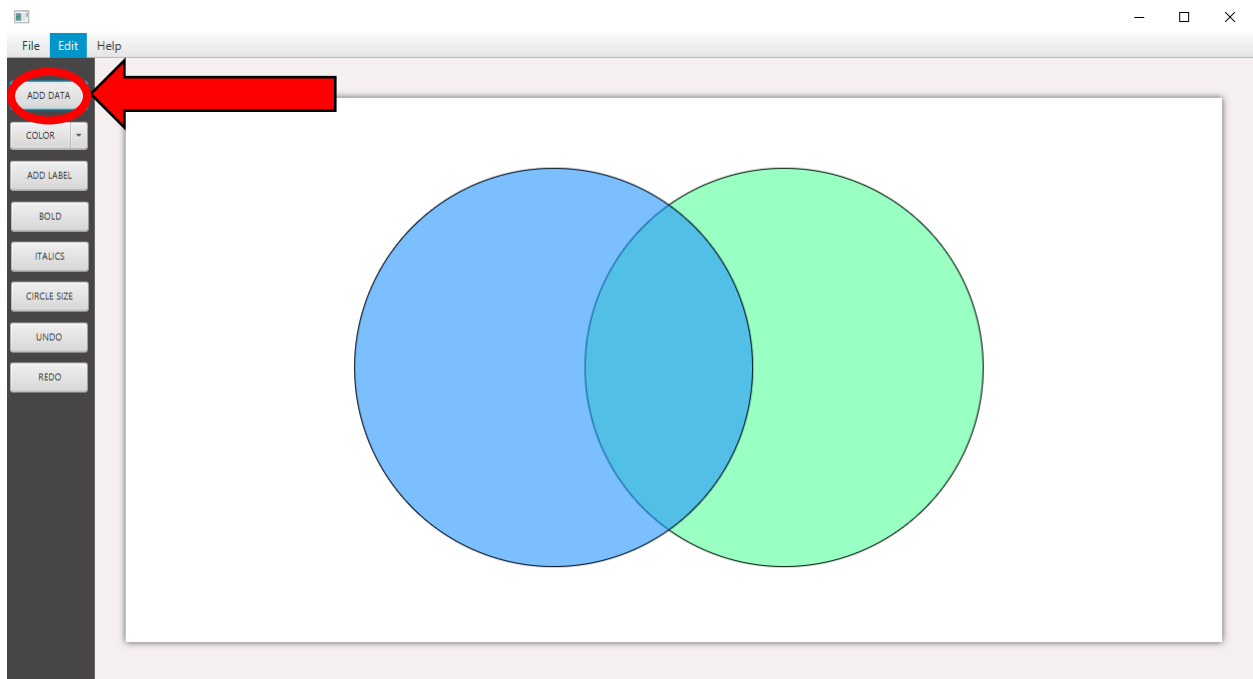
Main Scene:

The main window will look like:



Add Data:

Press Button “Add Data” to go to the next scene to add elements in to sets (refer to the Add Data Scene section for further instructions).



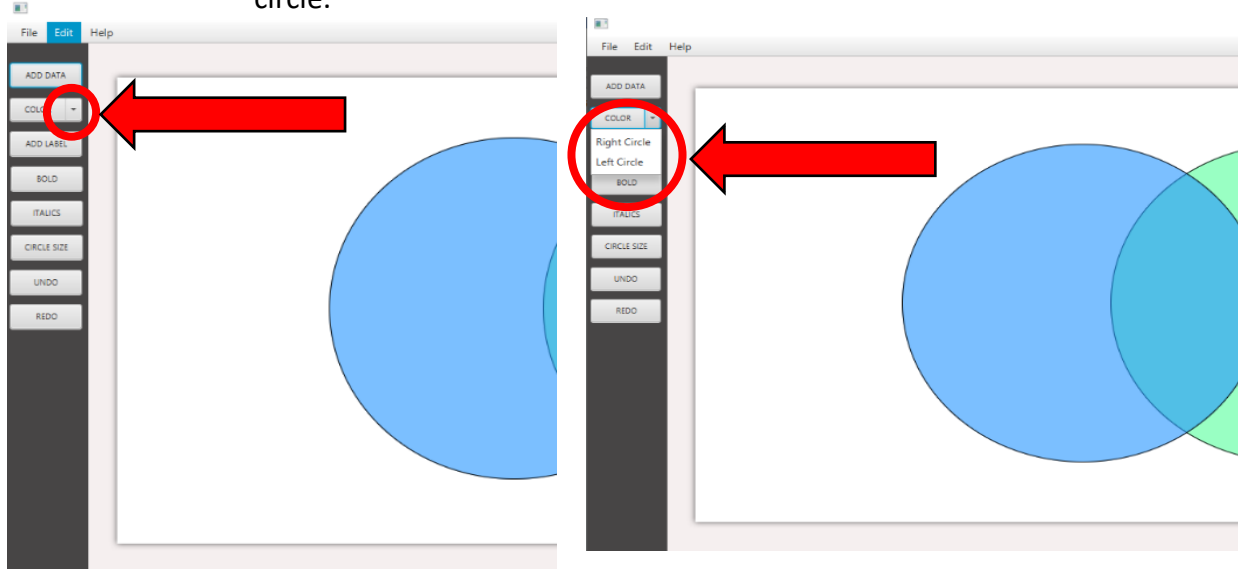
Below is the “Add Data” page that will be opened.

The image shows a window titled 'Add Data to Venn Diagram'. It has a 'BACK' button in the top left. The main area is divided into two large text input fields labeled 'FIRST SET' and 'SECOND SET'. Below these fields, there is a section labeled 'INTERSECTION SET OPTIONS' containing two buttons: 'ENTER explicitly' and 'COMPUTE from the above sets'. A 'DONE' button is located in the bottom right corner. At the very bottom, a small instruction reads: 'Enter data for each set separated by a new line'.

Change Color:

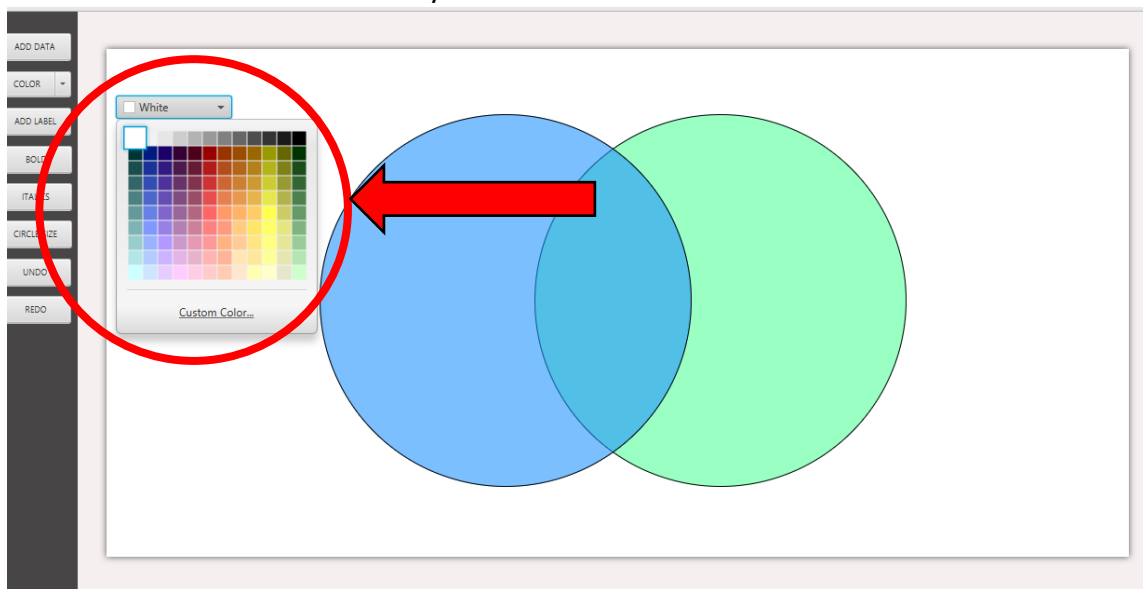
Choose circle:

- Click the “downwards” drop down menu part of the “Colour Button”.
- Choose “Left Circle” or “Right Circle” to change the Colour of the desired circle.



Change Colour:

- A drop-down menu will appear on the top left of the scene.
- Click on the menu to show all the colours.
- Click on the preferred Colour to make the chosen circle.
- The “custom” option will open Colour palette for more Colour options and customizability.



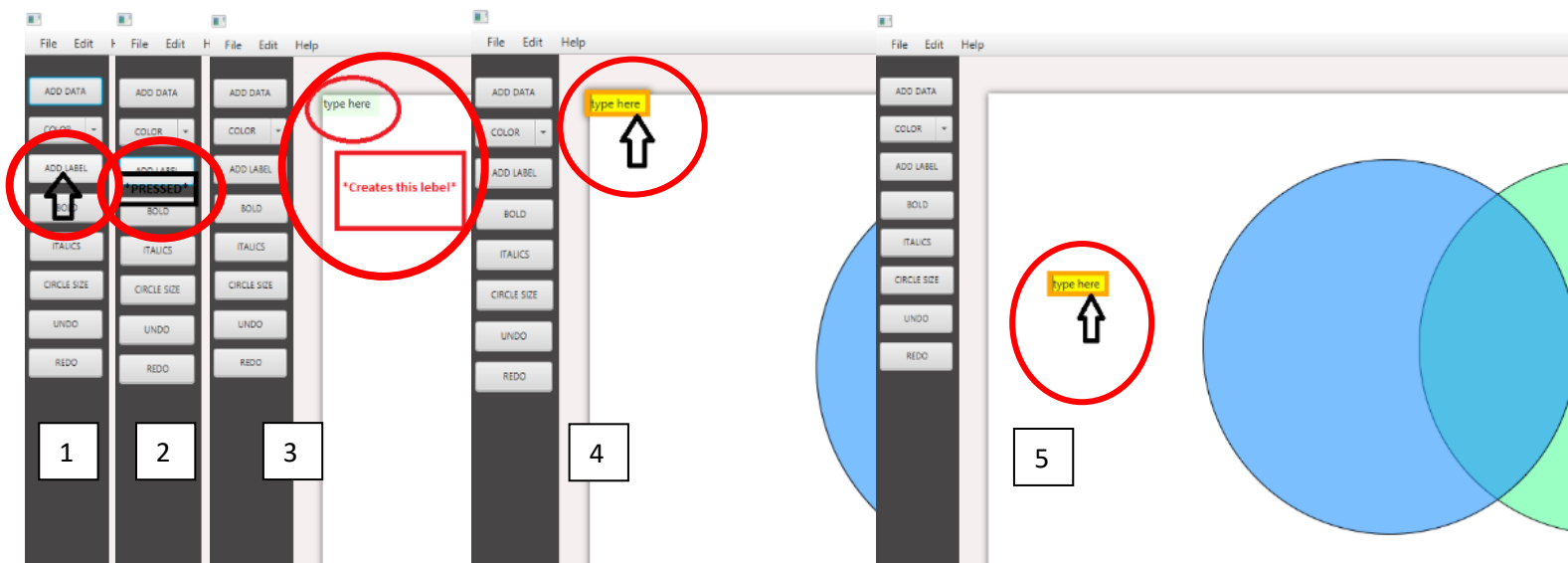
Removing the drop-down colour picker button

- Button Click on the button and press the key “Escape”.

Add Label:

Press the Button “Add Label “

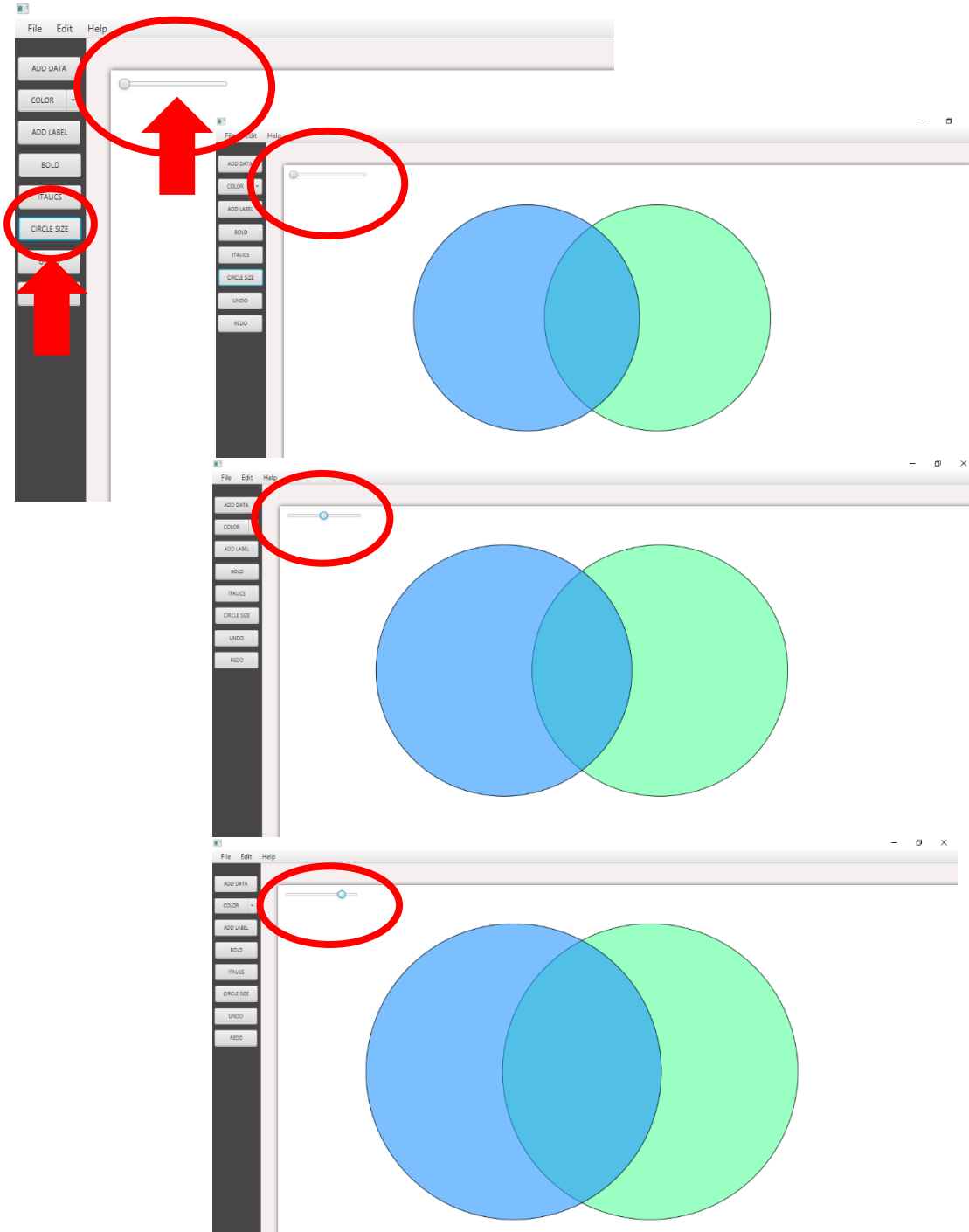
- a) An editable text will appear on the window.
- b) Click on the created text box to edit the text.
- c) Click and drag with mouse/trackpad to move the text box around.
- d) Release mouse click to drop dragged text box in its desired location.



Size Slider:

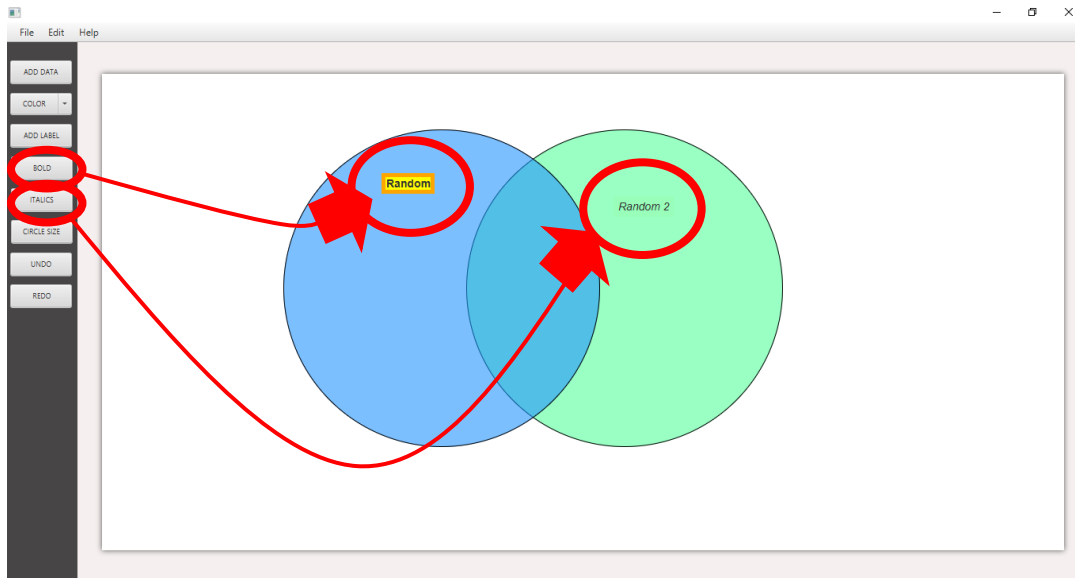
Click on the slider.

- Drag the slider to the right to increase the size of both circles.
- Drag the slider to the left to decrease the size of both circles.



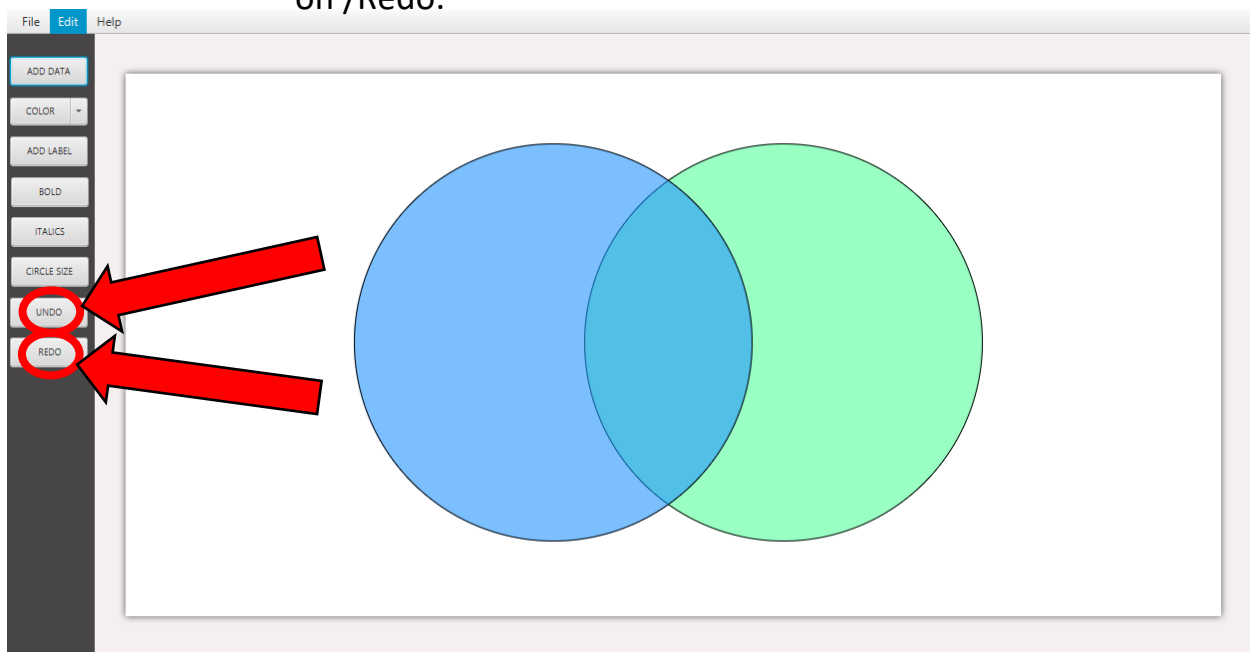
Text Formatting:

1. Click on the text box which you wish to format.
2. Proceed to click on the **BOLD** or *Italics* button to format that specific text box.



Undo/Redo:

- a) After making a change or many changes to the Venn diagram click on Undo to go back to the Venn diagrams previous state.
- b) To revert the undo and re-do the change that was undone click on /Redo.

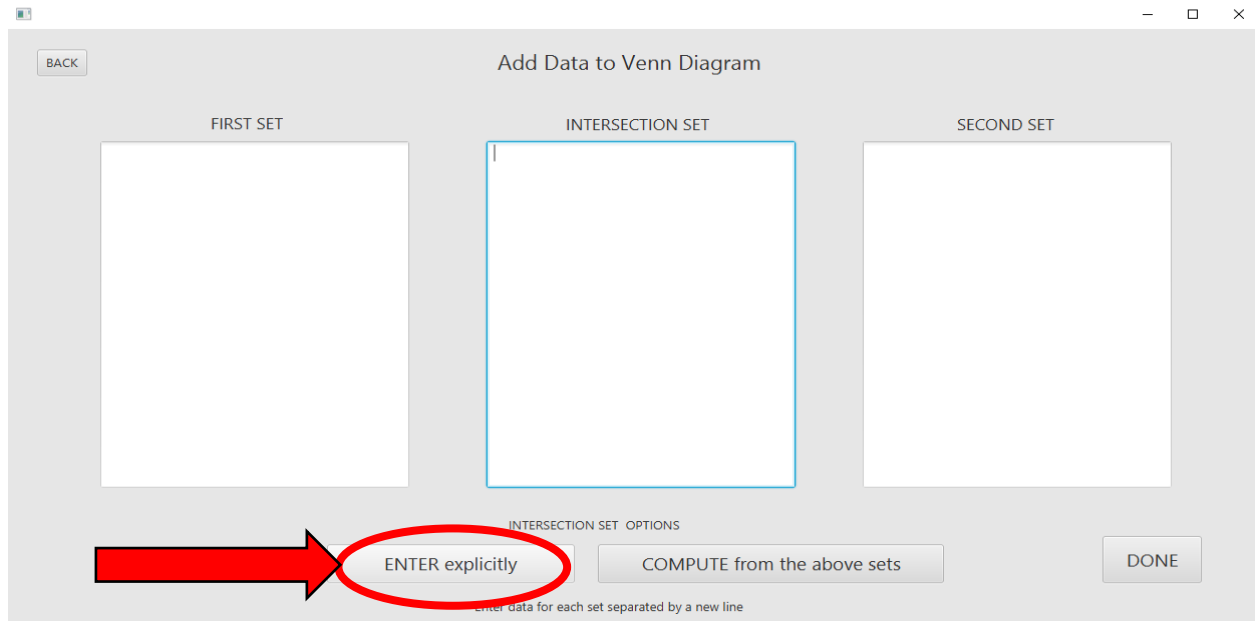


Add Data Scene:

Pick your preferred method of entering in the data.

ENTER explicitly:

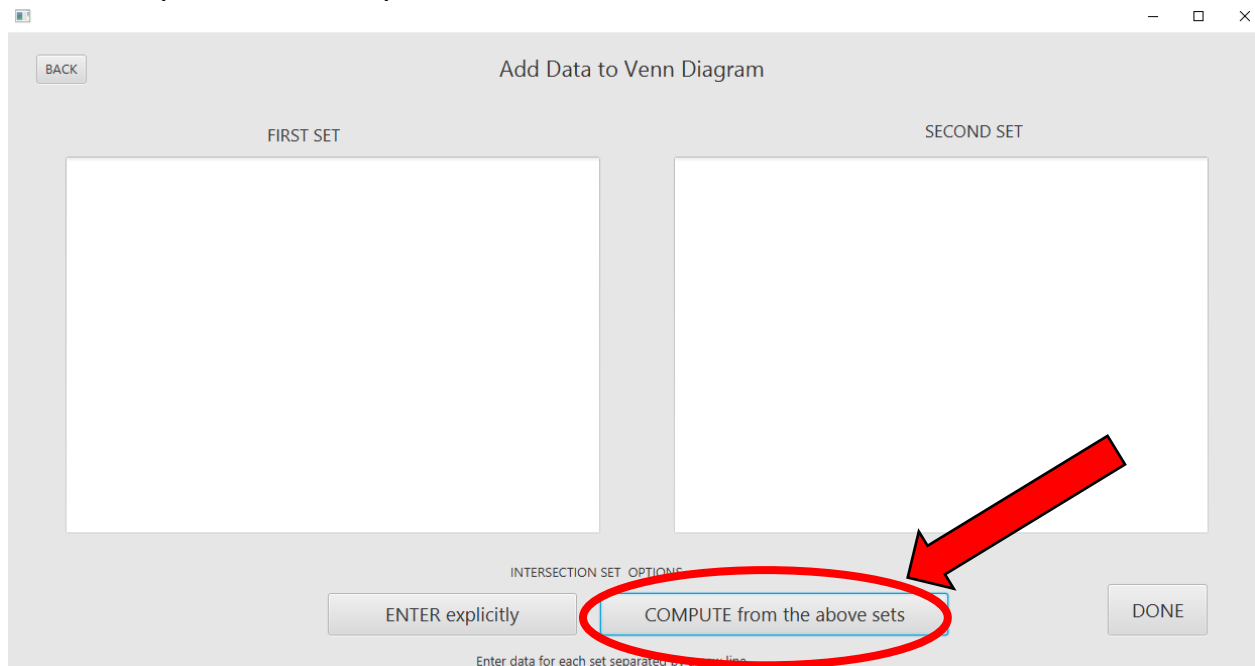
- Choosing this option will allow you to enter the “intersection set” separately along with the first and second sets of data.



The screenshot shows a window titled "Add Data to Venn Diagram" with a "BACK" button in the top left. It contains three large text input areas labeled "FIRST SET", "INTERSECTION SET", and "SECOND SET". Below these is a section titled "INTERSECTION SET OPTIONS" with two buttons: "ENTER explicitly" and "COMPUTE from the above sets". A red arrow points to the "ENTER explicitly" button, which is also circled in red. A "DONE" button is in the bottom right. At the very bottom, there is a small instruction: "Enter data for each set separated by a new line".

COMPUTE from the above sets

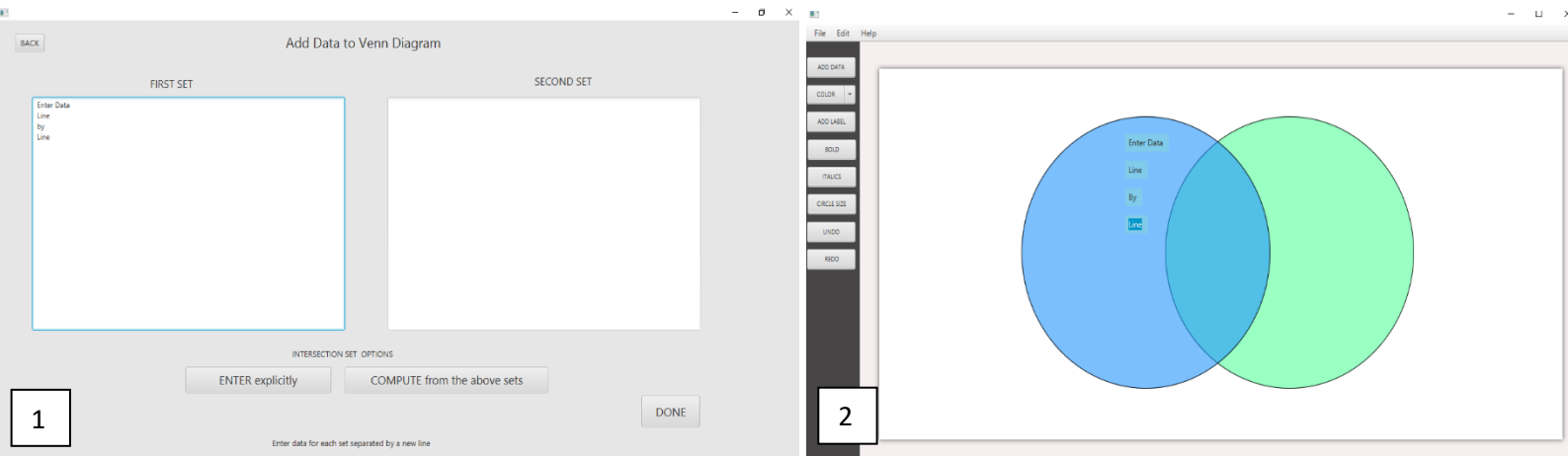
- Choosing this option will have the application compute the intersection set for you from data you enter into the sets.



The screenshot shows the same "Add Data to Venn Diagram" window, but the "COMPUTE from the above sets" button in the "INTERSECTION SET OPTIONS" section is circled in red. A red arrow points to this button. The "ENTER explicitly" button is no longer circled. The "DONE" button remains in the bottom right. The instruction "Enter data for each set separated by a new line" is visible at the bottom.

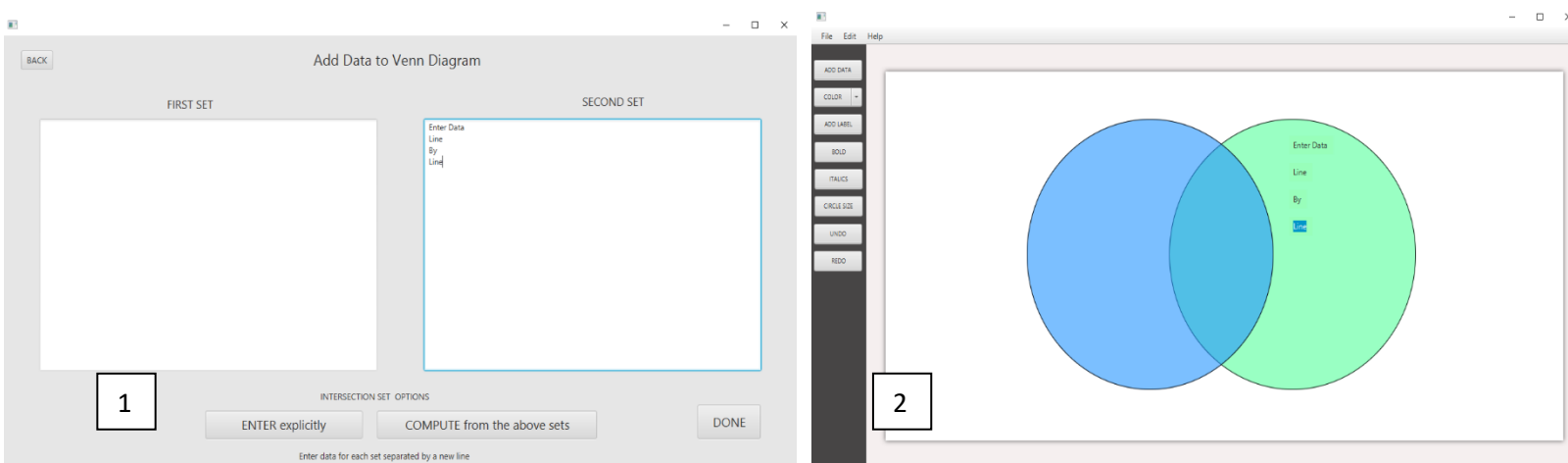
First Set (Text Area):

- Enter text into the “First Set” line by line (text in one textbox would be on one line, text in a separate text box would be on a different line).
- Image 2 demonstrates how the text will appear on the diagram



Second Set (Text Area):

- Enter text into the “Second Set” line by line.
- Image 2 demonstrates how the text will appear on the diagram



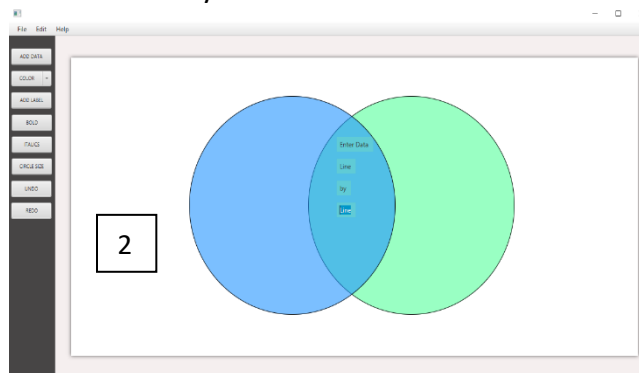
Intersection Set:

The intersection can either be entered explicitly or computed by the application.

Explicit Data entry:

- Click on the “ENTER explicitly” button and enter your data into the textbox labeled “Intersection set”.
- Image 2 demonstrates how the text will appear on the diagram
- Click on any textbox to edit its text contents

The screenshot shows a window titled "Add Data to Venn Diagram" with three input areas: "FIRST SET", "INTERSECTION SET", and "SECOND SET". Each area has a label "Enter Data" and a list of input types: "Line", "by", and "Line". The "INTERSECTION SET" area is highlighted with a blue border. Below the input areas are two buttons: "ENTER explicitly" and "COMPUTE from the above sets", and a "DONE" button. A small text box at the bottom says "Enter data for each set separated by a new line". A box with the number "1" is placed over the "ENTER explicitly" button.



Computational Data entry:

- Click on the “COMPUTE from the above sets” button
- Enter your data in first and second sets
- Any data that is found to be in both the first and second section will be automatically placed into the intersection set

The screenshot shows the same "Add Data to Venn Diagram" window, but now the "FIRST SET" and "SECOND SET" input areas are highlighted with blue borders. The "INTERSECTION SET" area is empty. The "COMPUTE from the above sets" button is highlighted. A box with the number "1" is placed over the "COMPUTE from the above sets" button.

(once data is on the Is on the diagram it can be edited by clicking on the textbox)



Done:

1. Click “done” once data is entered into the above boxes.
2. Done will close Add Data Scene and take you back to previous scene.

Back:

1. Click “back” to go back to the previous scene (Main Scene).

The screenshot shows a window titled "Add Data to Venn Diagram". At the top left, there is a "BACK" button circled in red, with a large red arrow pointing to it from the left. The window contains two large empty rectangular boxes labeled "FIRST SET" and "SECOND SET". Below these boxes, there is a section titled "INTERSECTION SET OPTIONS" containing two buttons: "ENTER explicitly" and "COMPUTE from the above". A large red arrow points from the "COMPUTE from the above" button to a "DONE" button circled in red at the bottom right. At the very bottom, there is a small text instruction: "Enter data for each set separated by a new line".

*Note: All above buttons, and user features will be further developed and made to work properly as desired by the customer. This is a Prototype.