

Features Summary

- Pen tool
- Eraser tool
- Air brush tool
- Blur tool
- Fill tool
- Eye Dropper
- Selection tool
- Shapes Tool
- Delete Shape Tool
- Text tool
- Cutter tool
- Quick cutter tool
- Crop Tool (do again)
- Image Filters
- Undo Tool
- Redo Tool
- Open Image
- Save As
- Open Project
- Save Project
- Color Options
- Layers Preview Panel
- Multiple Canvases
- Clear Canvas
- Help

Feature: Pen Tool

- Draws on canvas
- Shortcut: p

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Eraser Tool

- Erases Drawings on canvas
- Shortcut: e

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Airbrush Tool

- Creates an array of points around the cursor in a random pattern similar to an airbrush or spray paint
- Shortcut: a

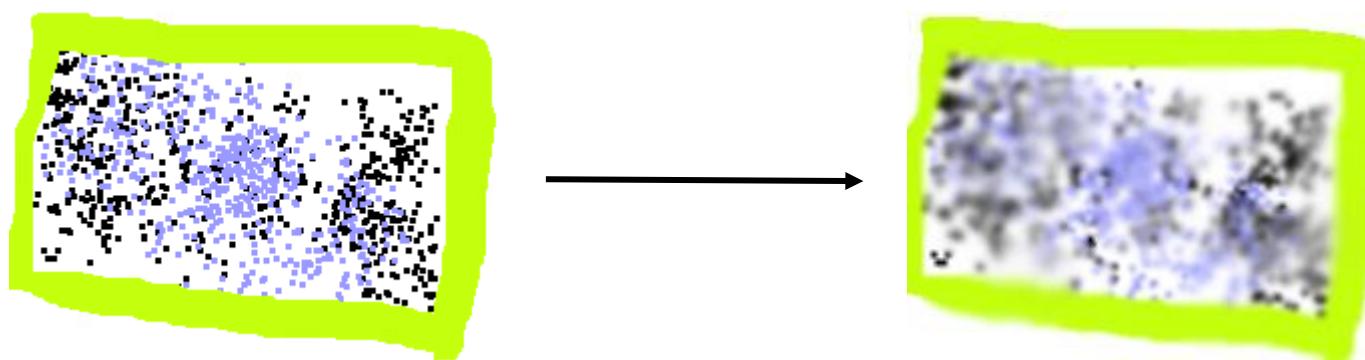
Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Blur Tool

- Used to blur the drawing on the canvas around the cursor
- Shortcut: b

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



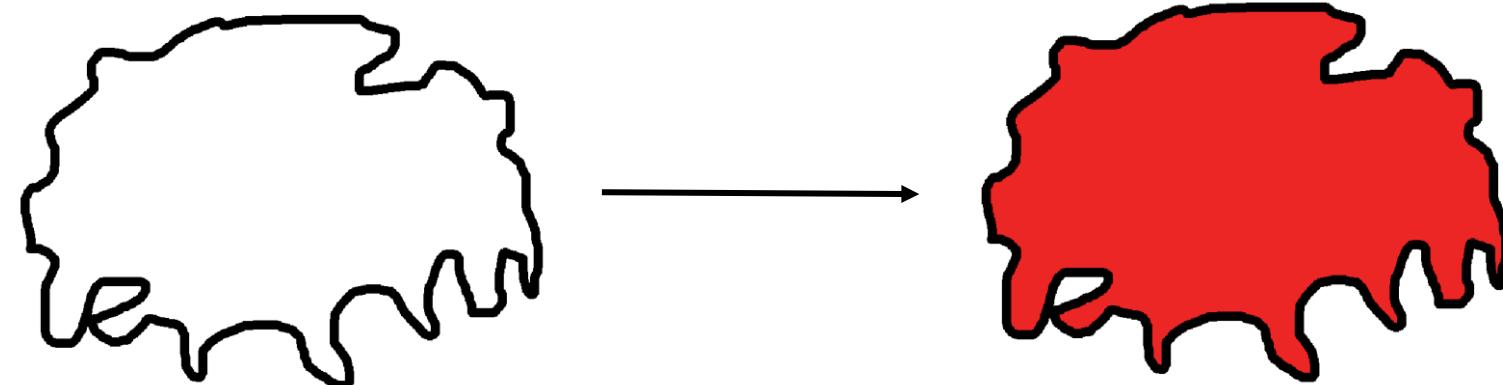
Blur

Quick Cutter Tool

Feature: Fill Tool

- Fills an enclosed area with the desired color
- Shortcut: f

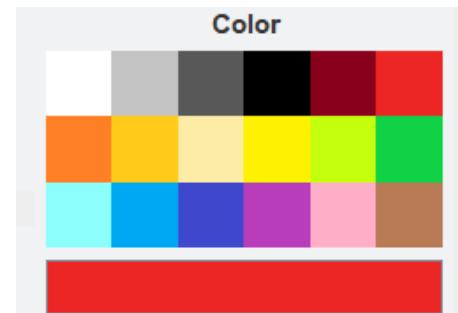
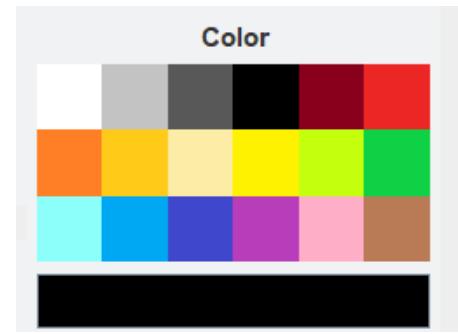
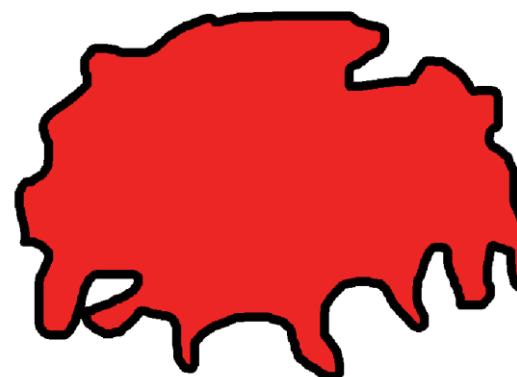
Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Eye Dropper Tool

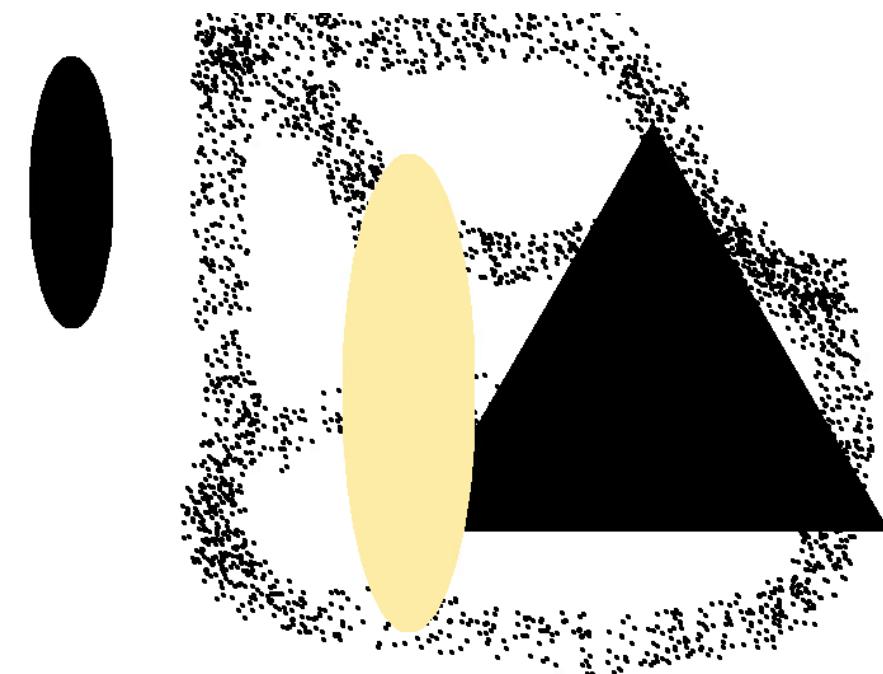
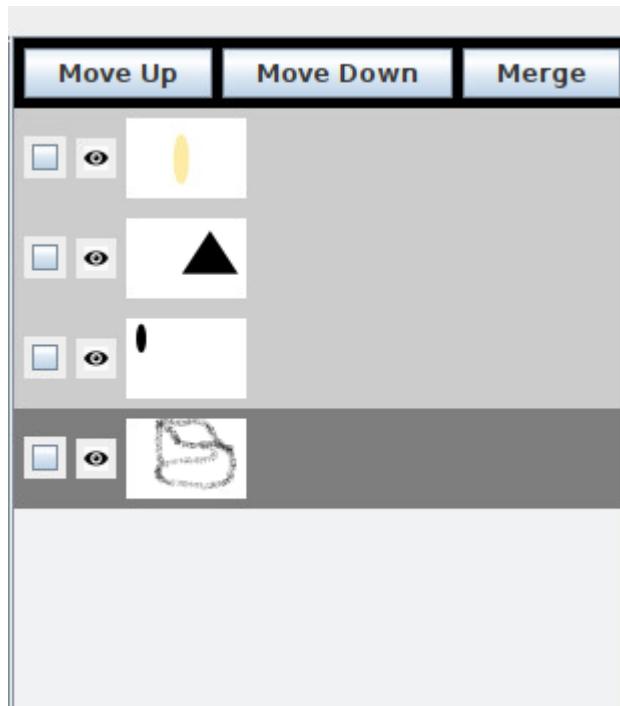
- Selects a color from the canvas
- Shortcut: i

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Layers

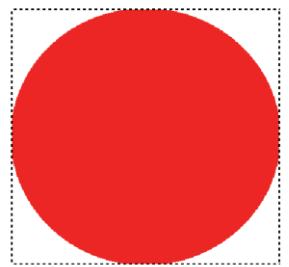
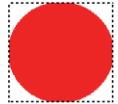
- Layers are drawing objects which are on top of each other. Drawing on one layer does not draw on another. Any layers above others in the layer menu will be shown “on top” of them in the canvas. Layers can then be hidden, merged and deleted.



Feature: Selection Tool

- Selects and moves layers on canvas
- Resizes Layers on Canvas
- Shortcut: v

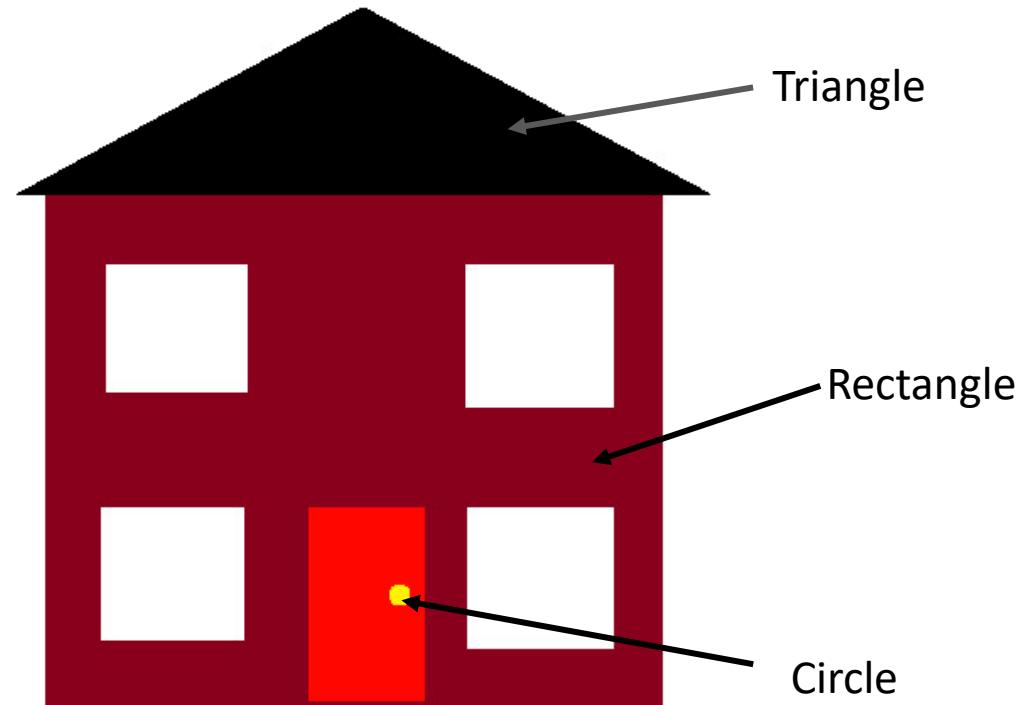
Selection	
Pen	
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Shapes Tools

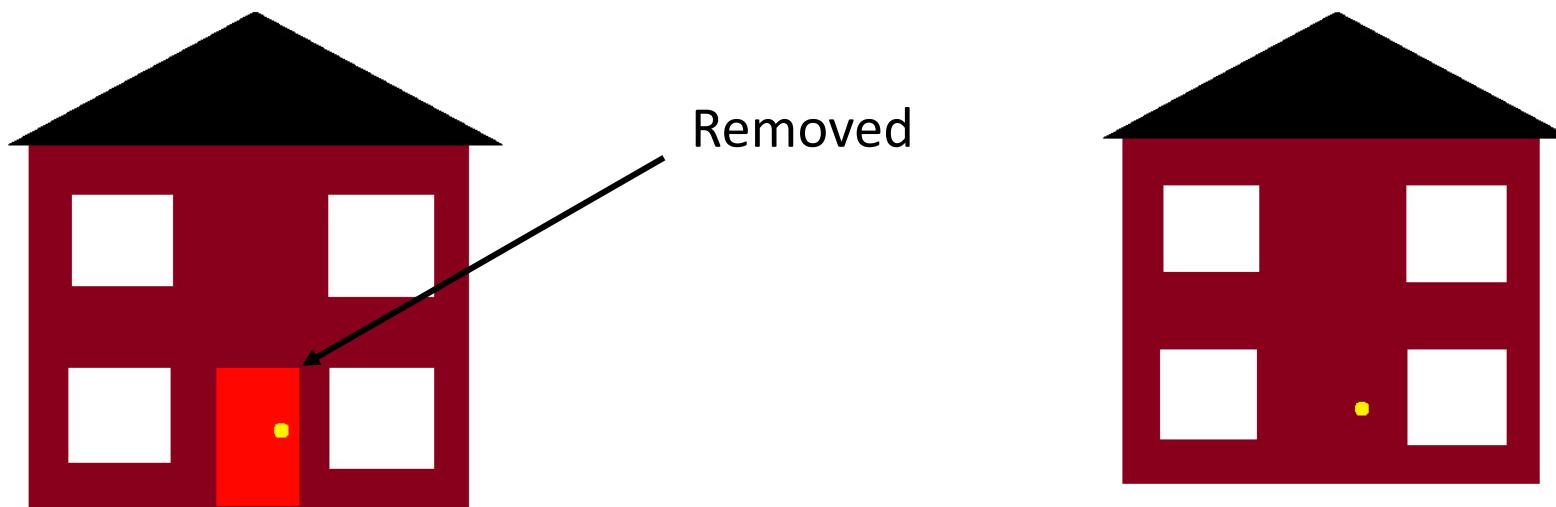
- Having the ability to add Rectangle, Circle and Triangle Layers into Canvas
- Shortcuts
 - Circle: c ---- Triangle: t ---- Rectangel: r

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Delete Shape

- Used to remove an individual shape, text or a group of shapes merged onto 1 layer from the canvas.
- Shortcut: d



Feature: Text Tool

- Adds Text to the Canvas
- Shortcut: s

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas

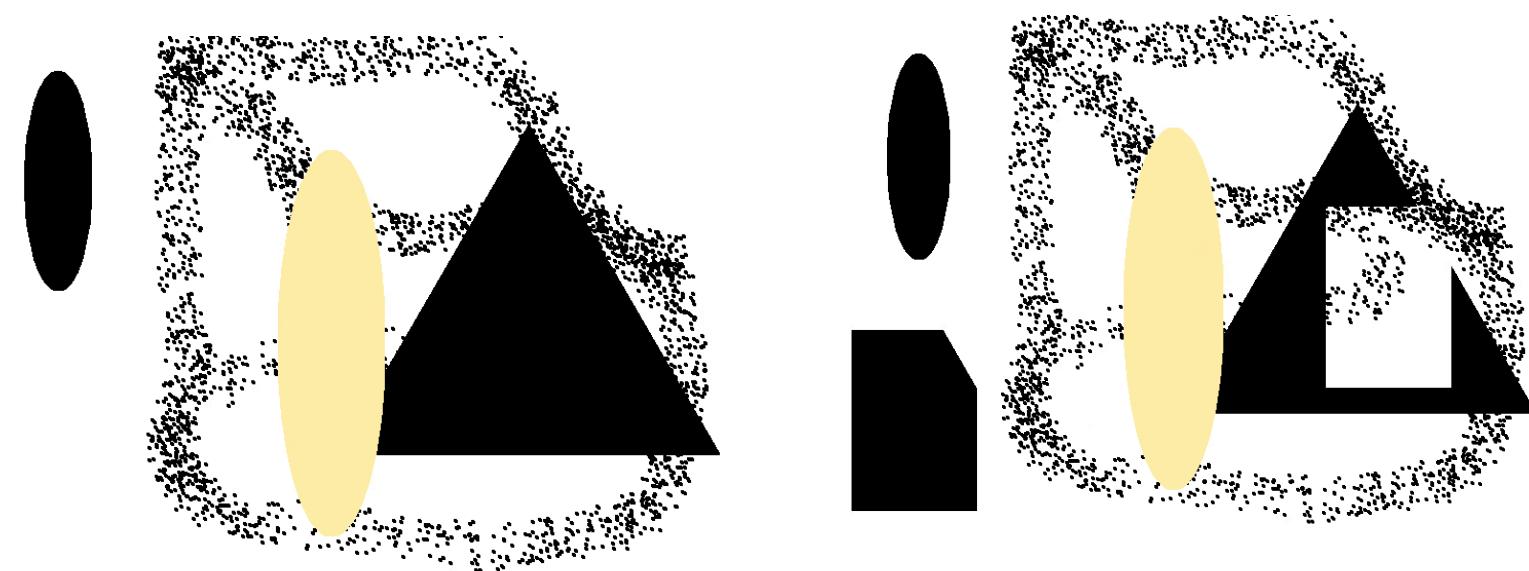


That is Text

Feature: Cutter Tool

- Cuts out a segment of a layer which is then converted to its own layer to be deleted, moved or resized
- Shortcut: I

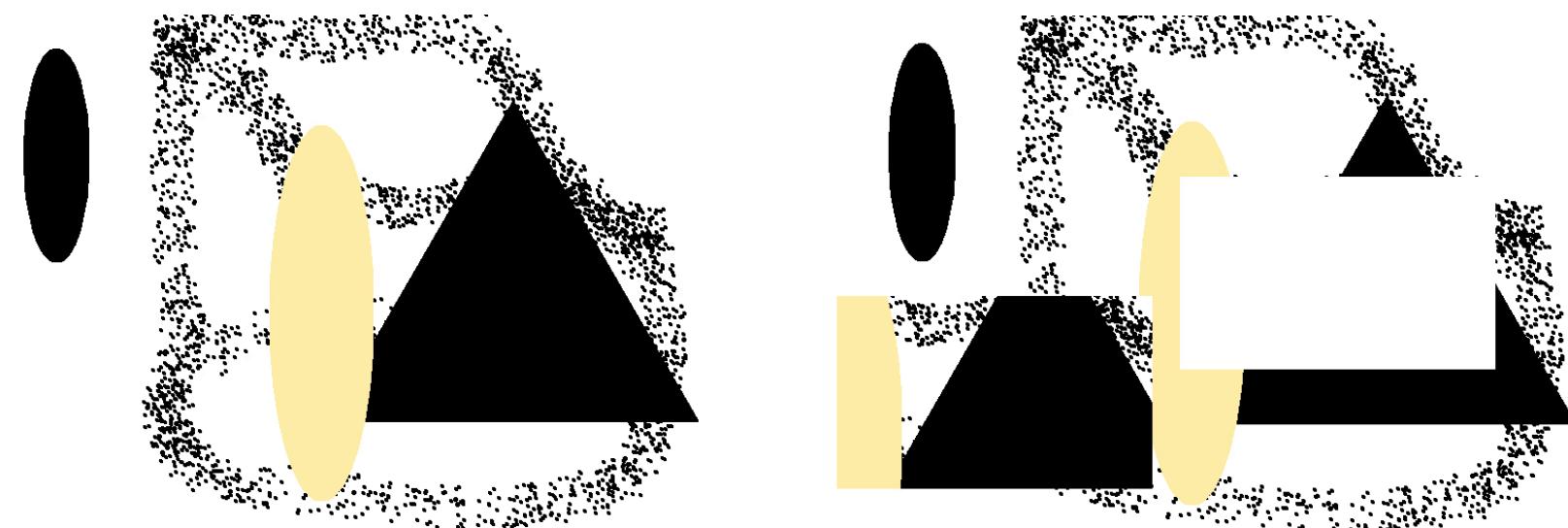
Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Quick Cutter Tool

- Cuts out a segment of all layers which then has the same properties as the cutter tool
- Shortcut: q

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Crop Tool

- Used to remove part of an image
- Shortcut: w

Selection	Pen
Eraser	Fill
Eye Dropper	Rectangle
Circle	Triangle
Air Brush	Text
Delete Shape	Redo
Undo	Crop
Blur	Quick Cutter Tool
Cutter Tool	Clear Canvas



Feature: Image Filters

- Right clicking on imported images or rasterized additional layers will enable an image filter menu in which filters can be picked from. Filters may also be overlapped so that varied looks can be applied.



Blur Filter
Greyscale Filter
Invert Filter
Sepia Filter
Sharpen Filter
Red Filter
Green Filter
Blue Filter



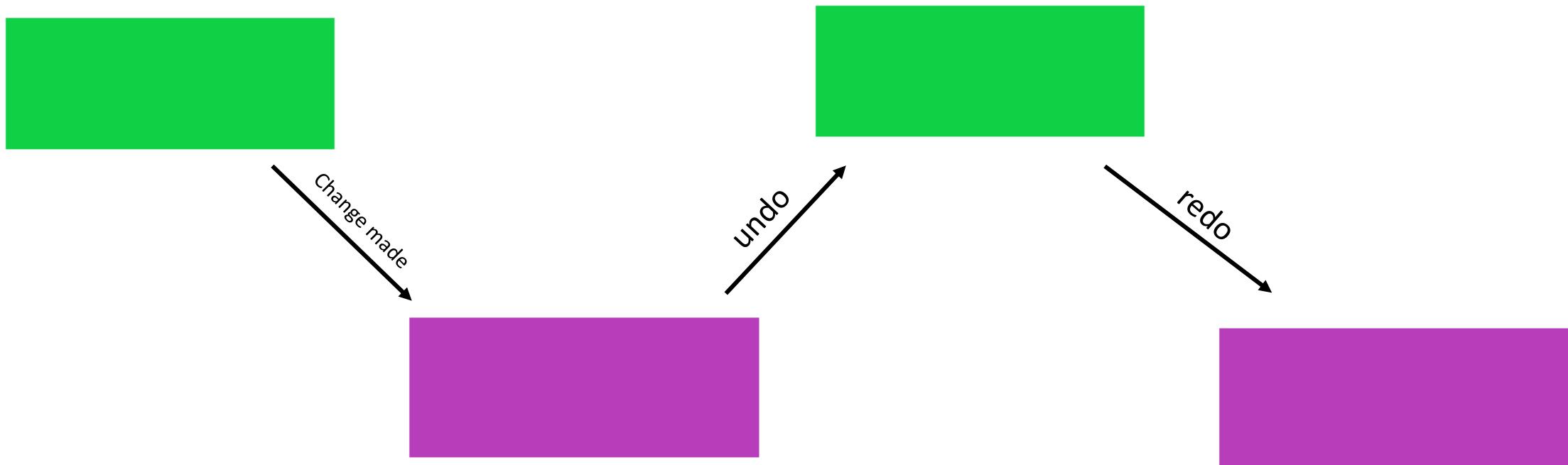
Feature: Undo Tool

- Allows you to undo your most recent action to go one step back in history
- Shortcut: `ctrl + z`



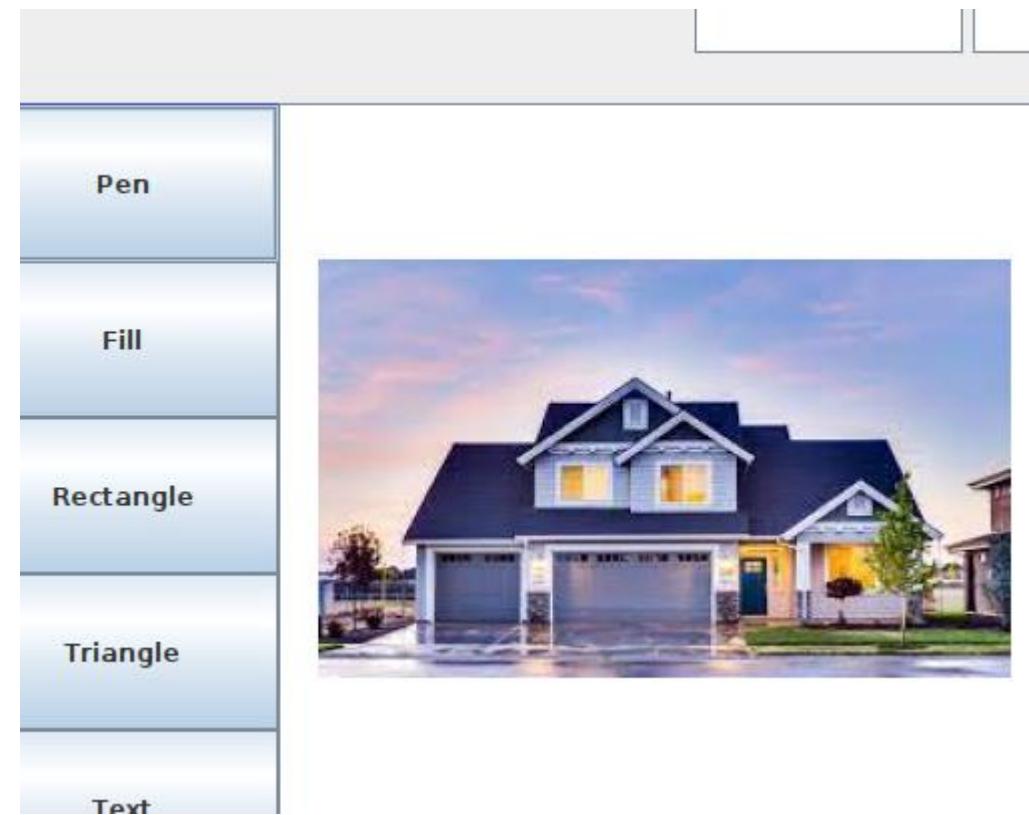
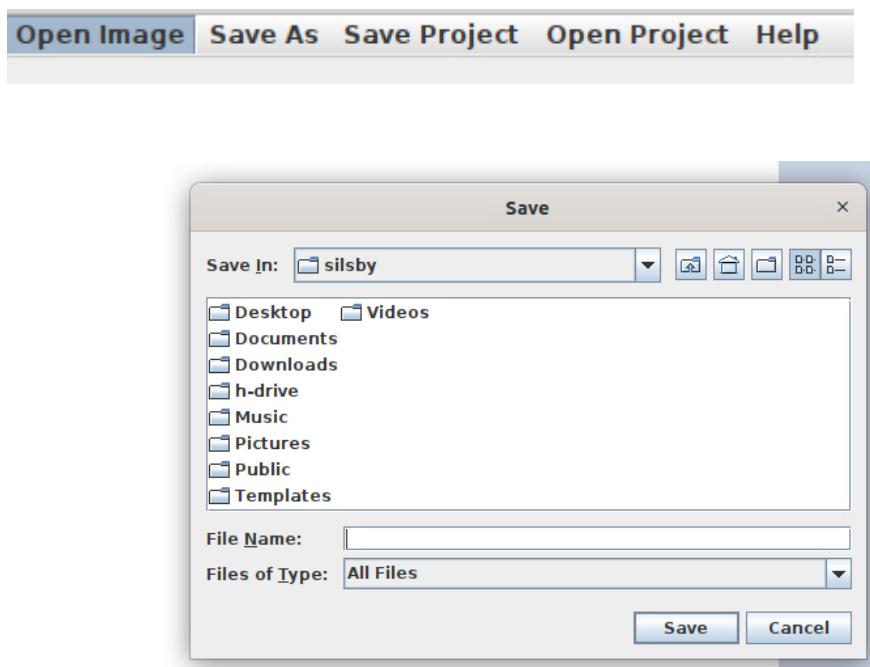
Feature: Redo Tool

- Allows you to get back to the recent undo step
- Shortcut: `ctrl + y`



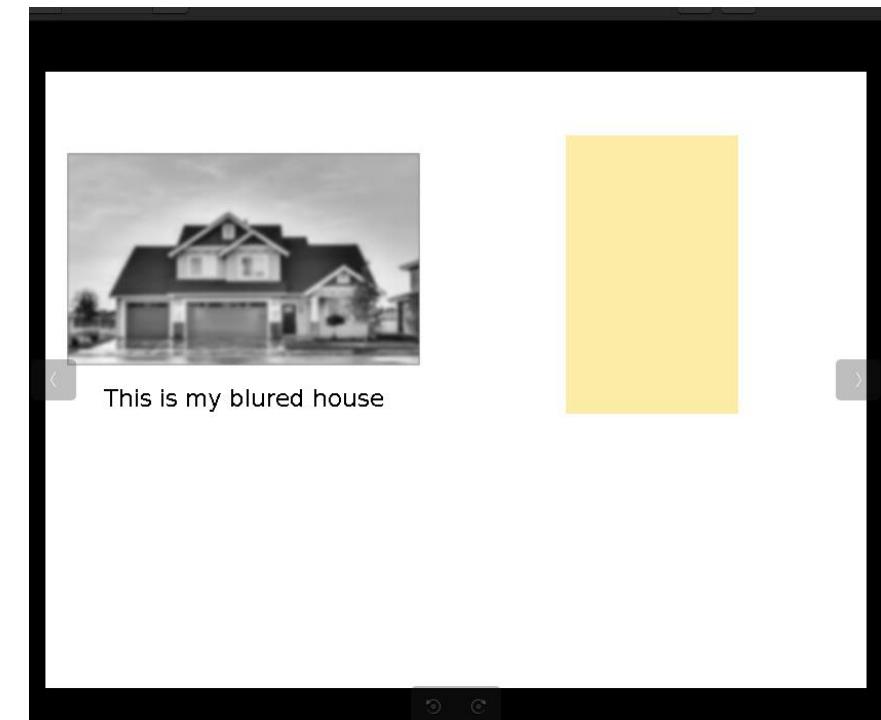
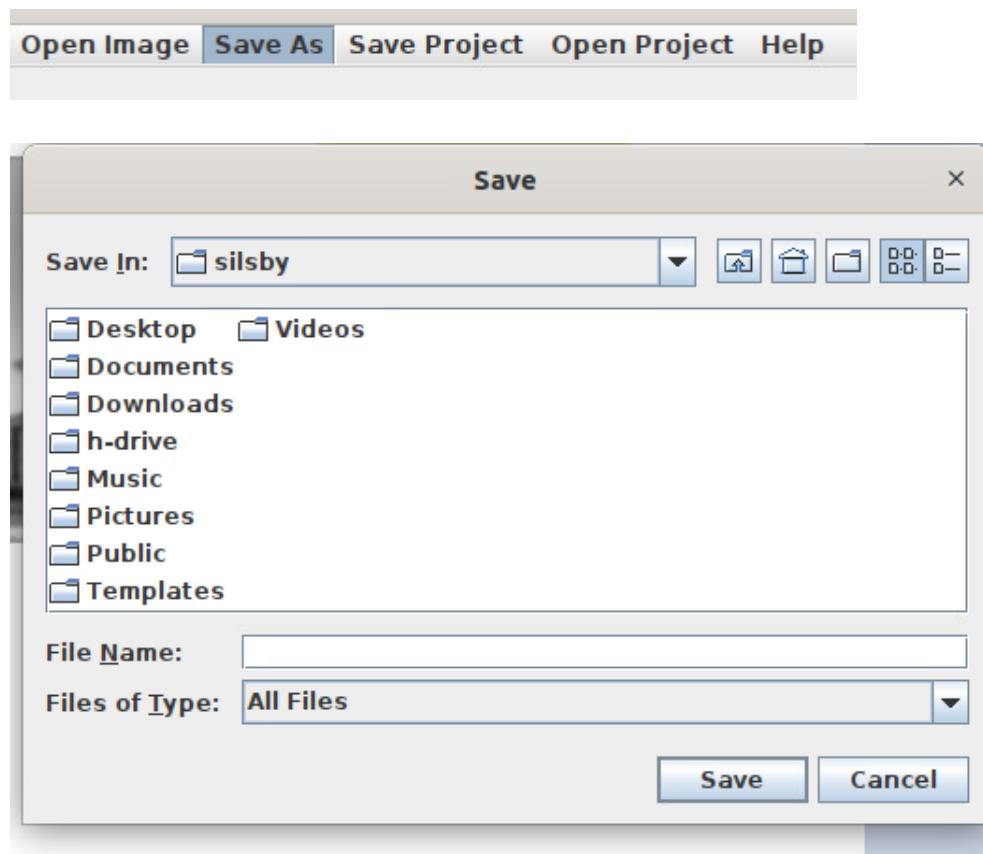
Feature: Open Image

- Imports an image from your computer into the canvas.



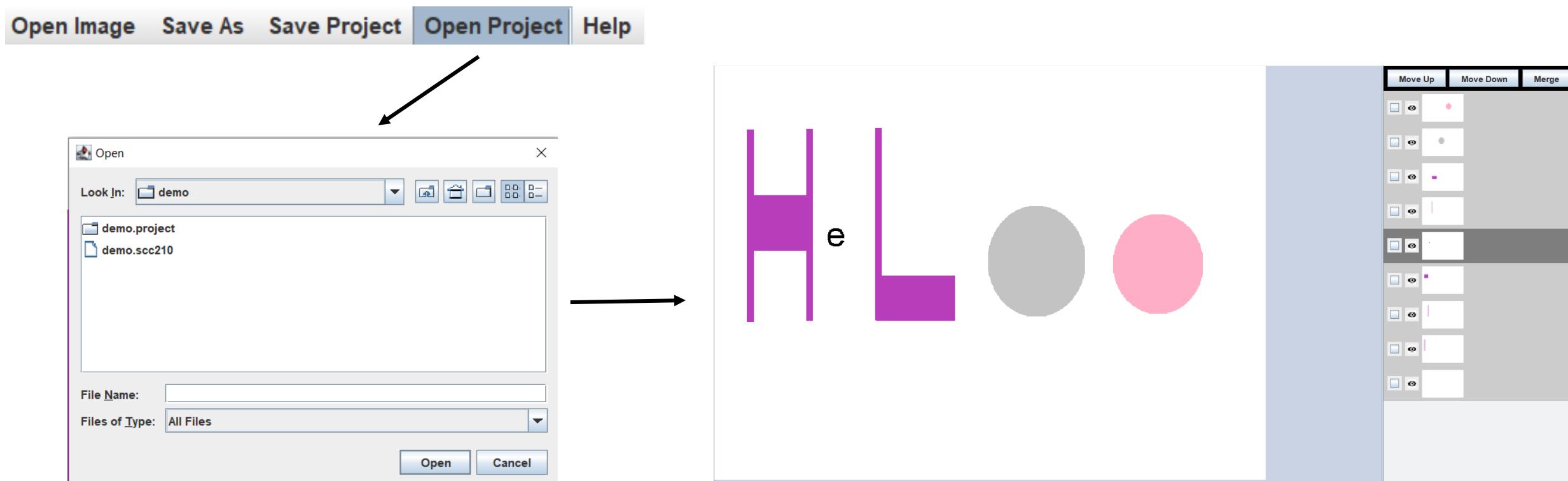
Feature: Save As

- Saves the canvas as an image file.



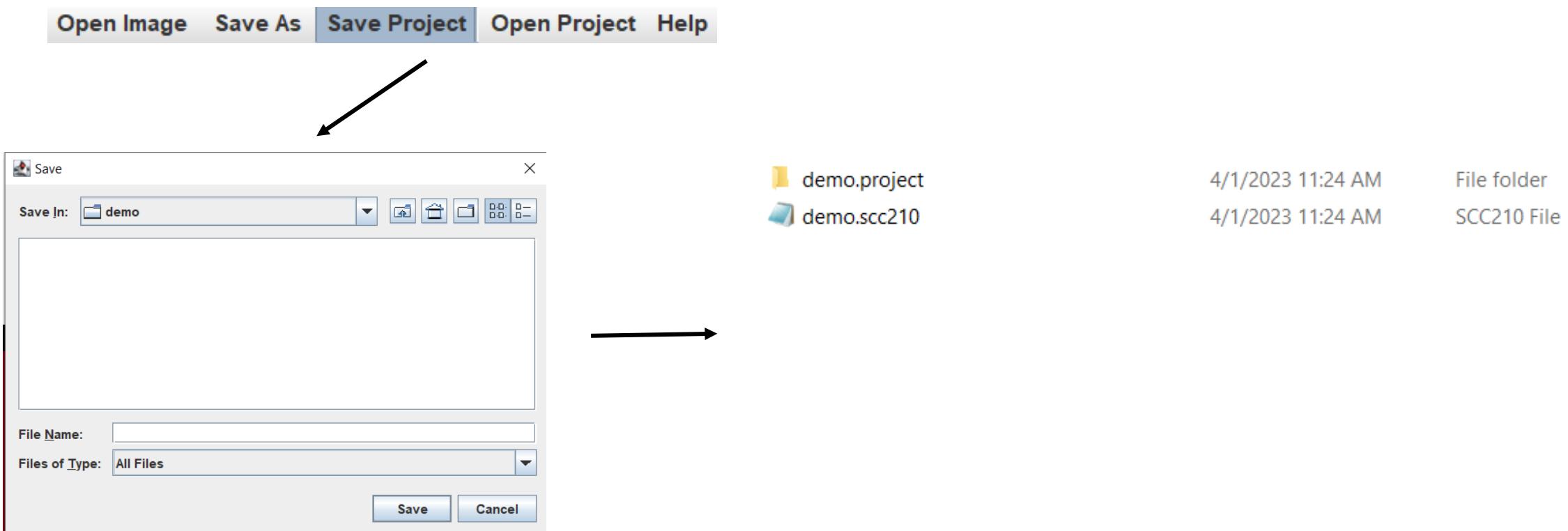
Feature: Open Project

- Imports a saved project from your computer into the canvas
- The Project file extension is 'scc210'



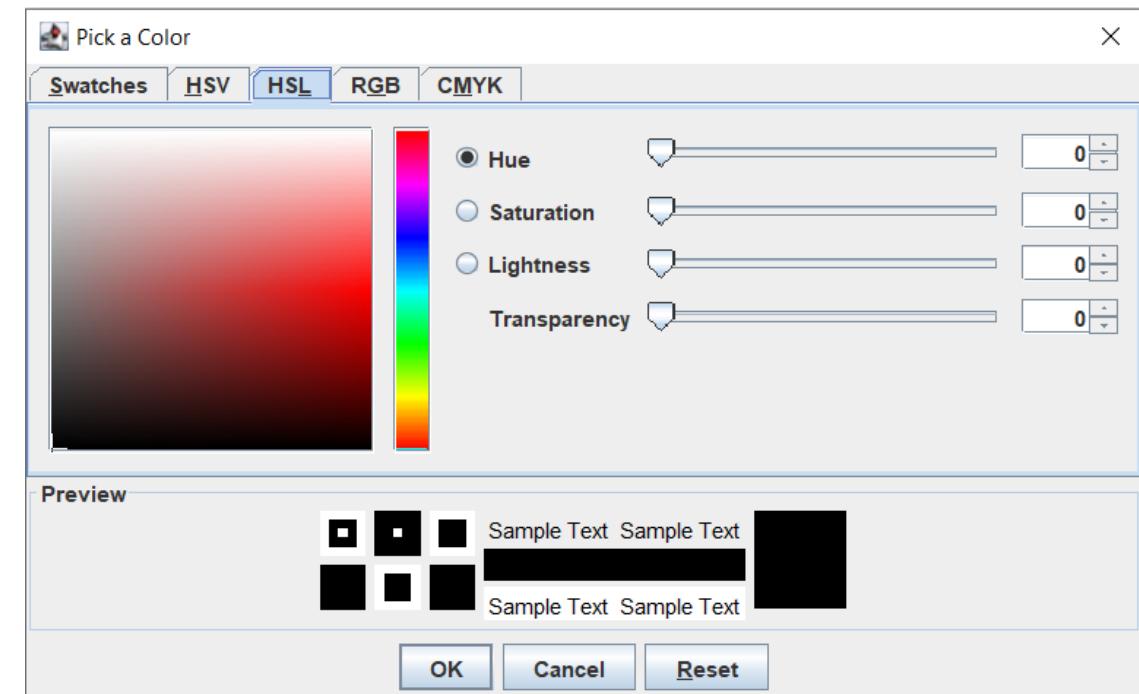
Feature: Save Project

- Exports the current state of the canvas into a project in the user's computer to enable users to continue working on their project
- The Project file extension is 'scc210'



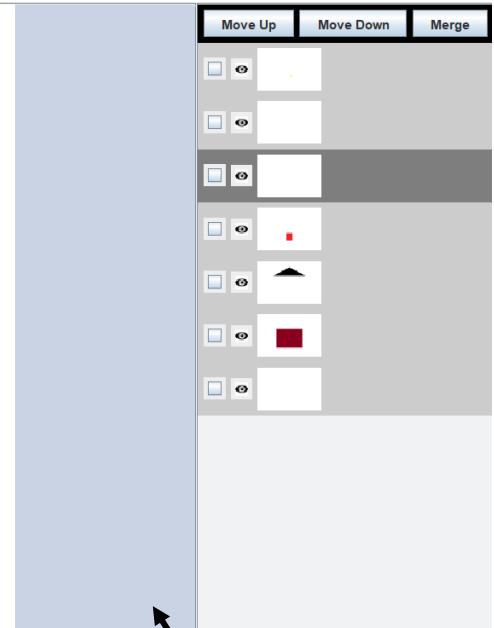
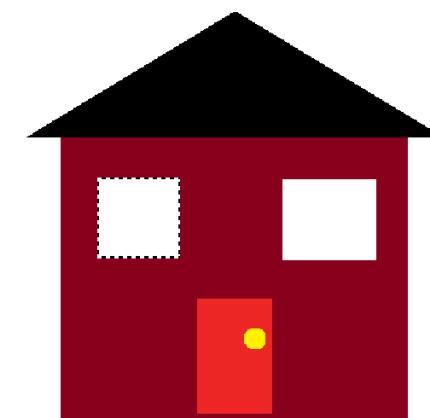
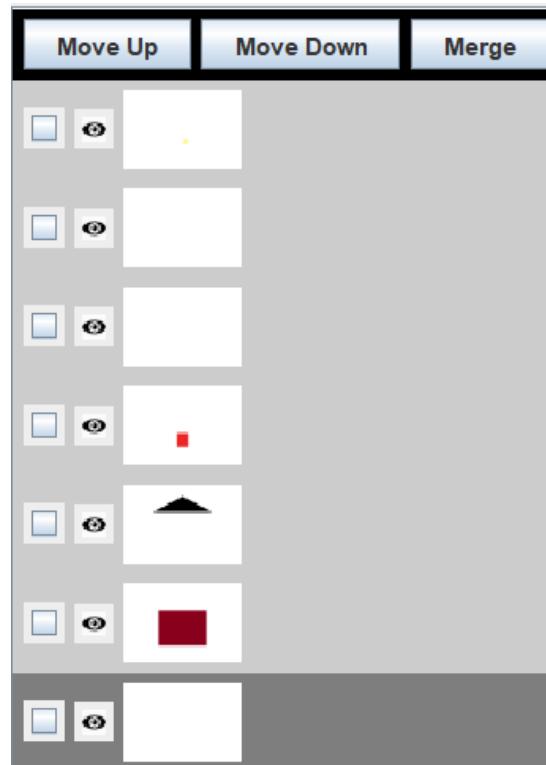
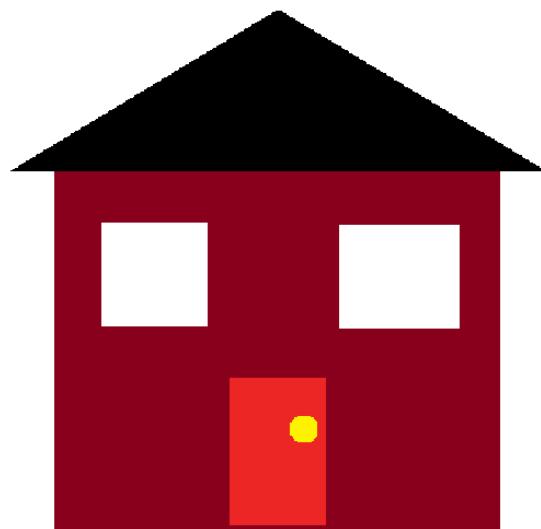
Feature: Color Options

- Having the ability to choose from a range of colors using the color swatches or the color wheel
- Previewing the current chosen color
- The Color Wheel is accessed by clicking on the Color Preview Button



Feature: Layers Preview Panel

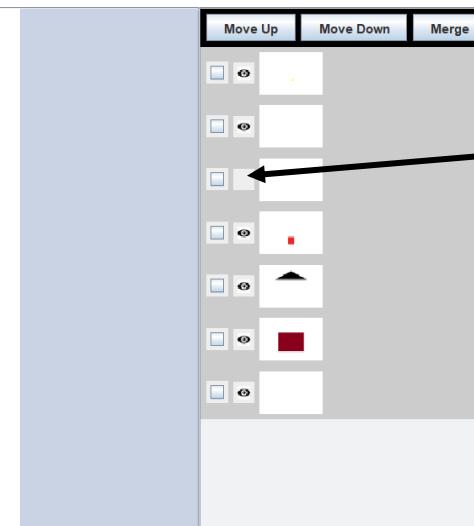
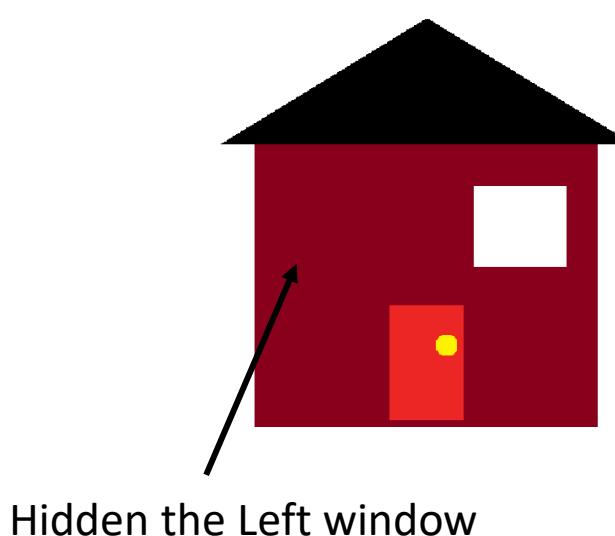
- Displays all the Layers that currently exist on Canvas
- Allows the user to select, hide/show, copy, delete, move up and move down layers
- Allows the user to merge layers together



Selecting a layer

Feature: Layers Preview Panel (Hiding Layers)

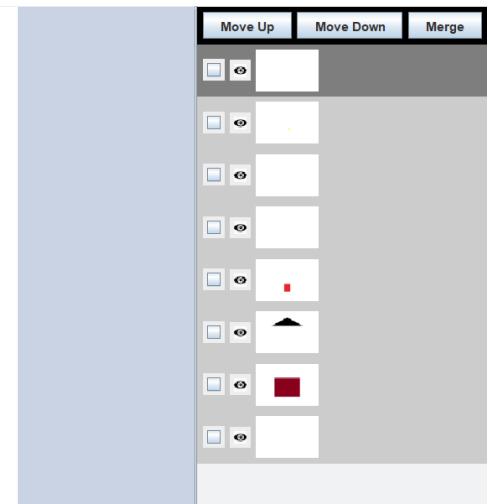
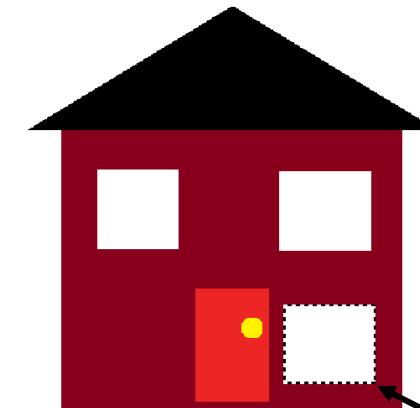
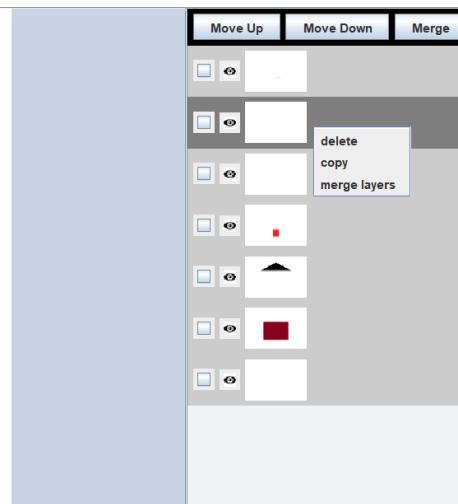
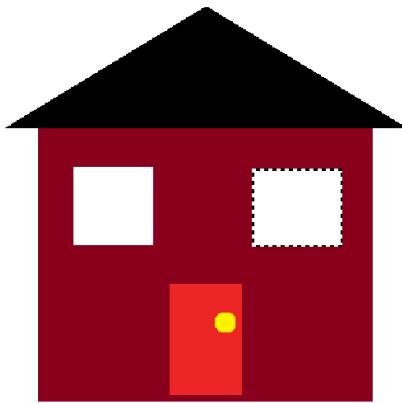
- Displays all the Layers that currently exist on Canvas
- Allows the user to select, hide/show, copy, delete, move up and move down layers
- Allows the user to merge layers together



Eye icon to toggle layer visibility

Feature: Layers Preview Panel (Copying Layers)

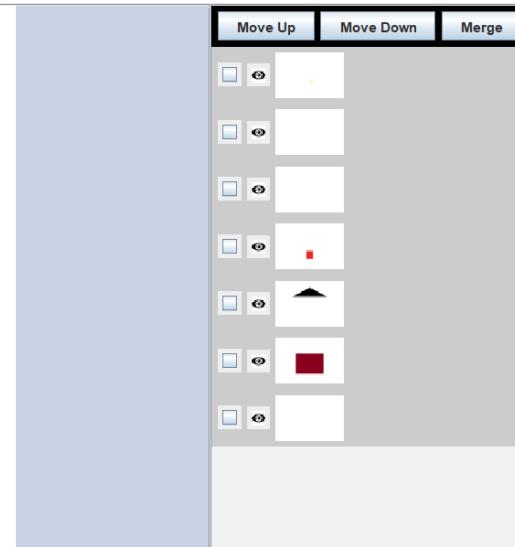
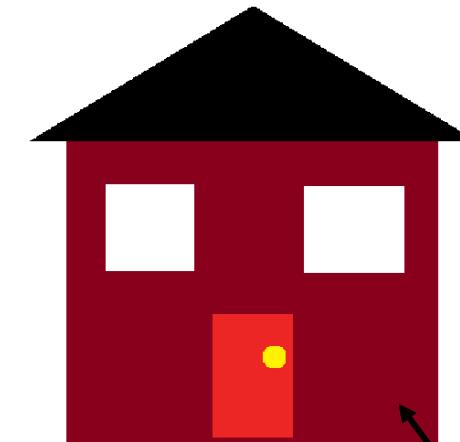
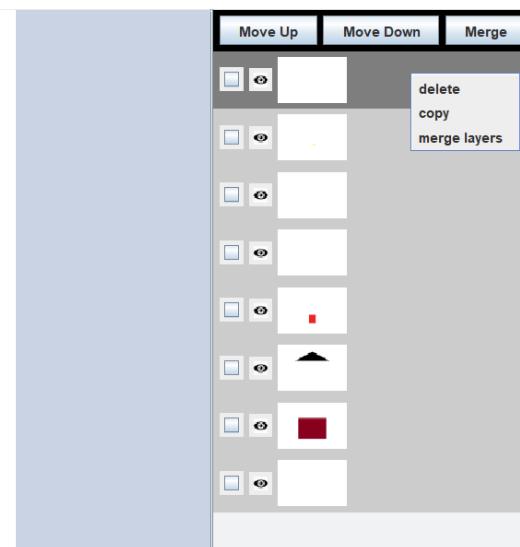
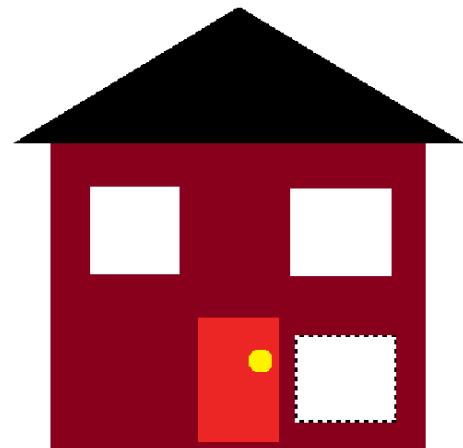
- Displays all the Layers that currently exist on Canvas
- Allows the user to select, hide/show, copy, delete, move up and move down layers
- Allows the user to merge layers together



Copied top right window

Feature: Layers Preview Panel (Deleting Layers)

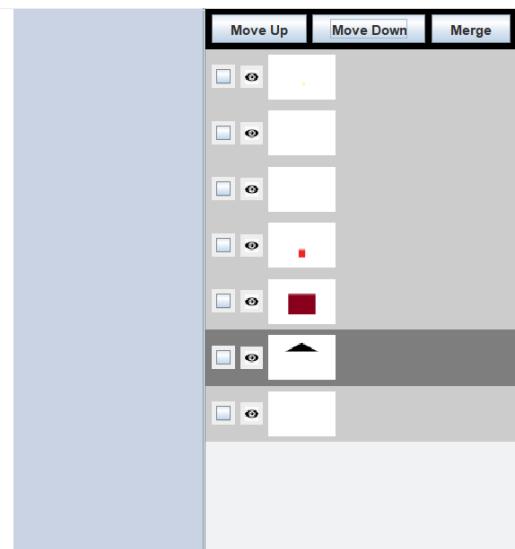
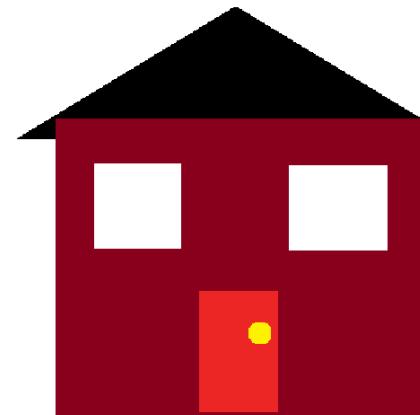
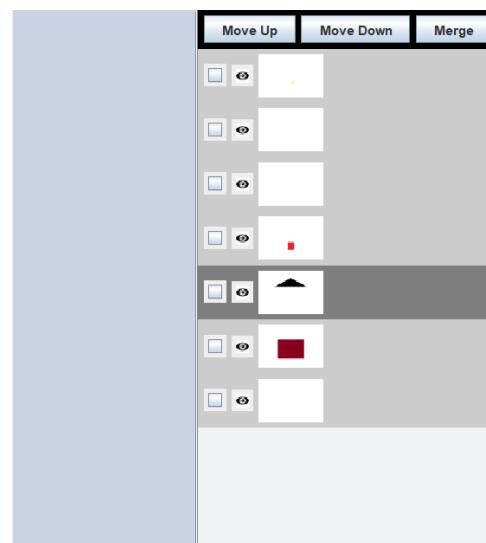
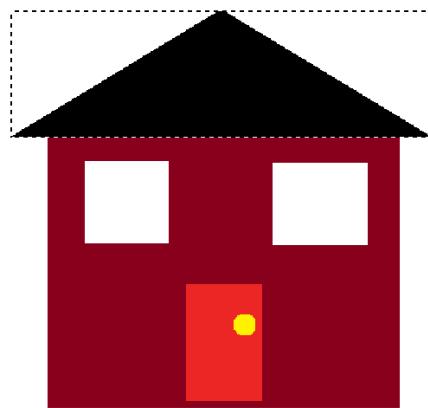
- Displays all the Layers that currently exist on Canvas
- Allows the user to select, hide/show, copy, delete, move up and move down layers
- Allows the user to merge layers together



Deleted bottom right window

Feature: Layers Preview Panel (Moving Layers)

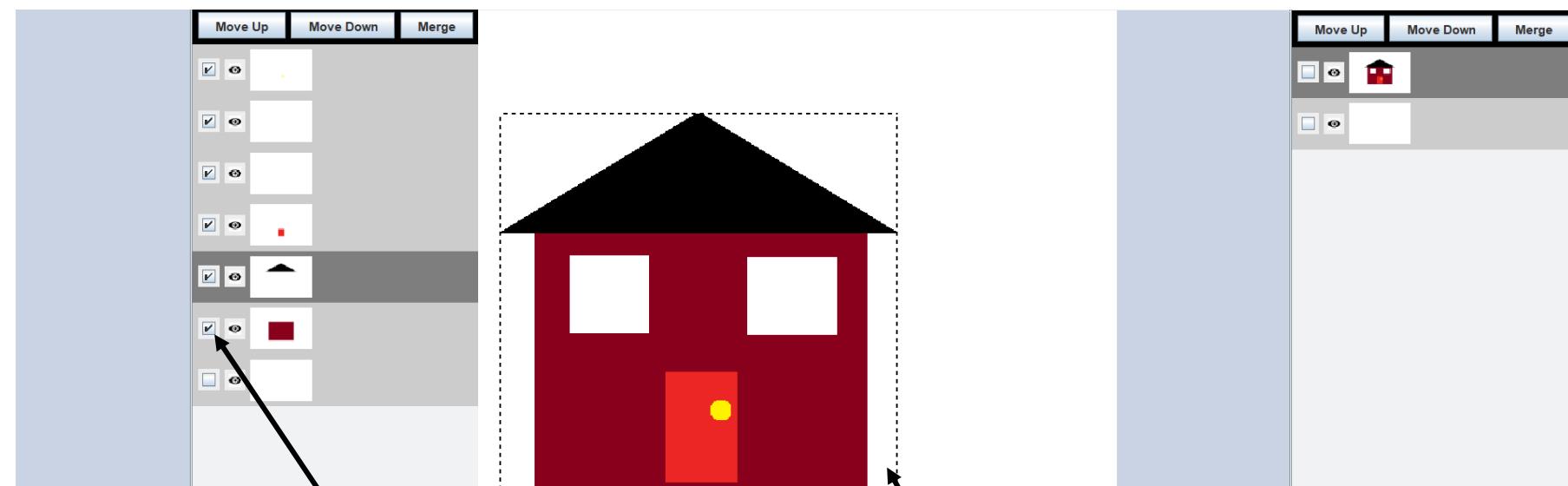
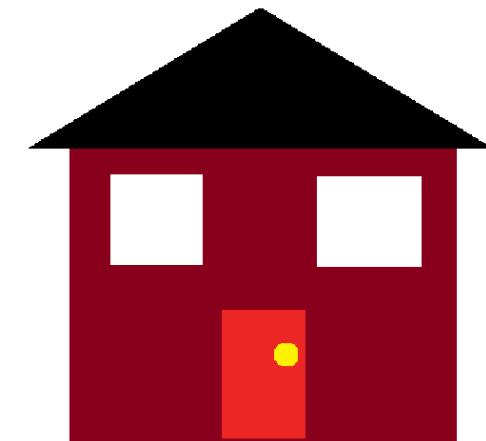
- Displays all the Layers that currently exist on Canvas
- Allows the user to select, hide/show, copy, delete, move up and move down layers
- Allows the user to merge layers together



Moved the house roof down

Feature: Layers Preview Panel (Merging Layers 1)

- Displays all the Layers that currently exist on Canvas
- Allows the user to select, hide/show, copy, delete, move up and move down layers
- Allows the user to merge layers together

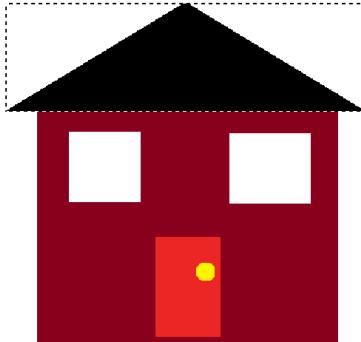


Selecting all layers we want to merge

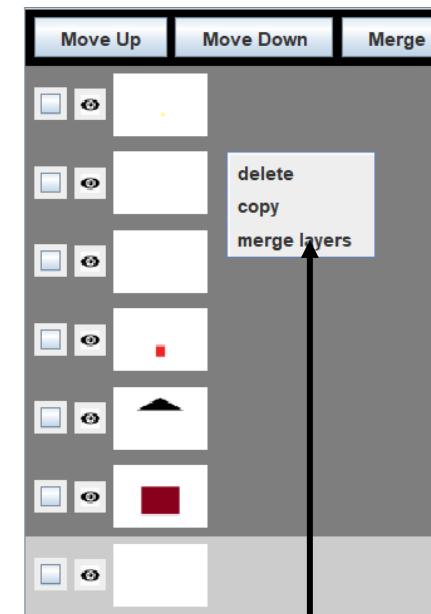
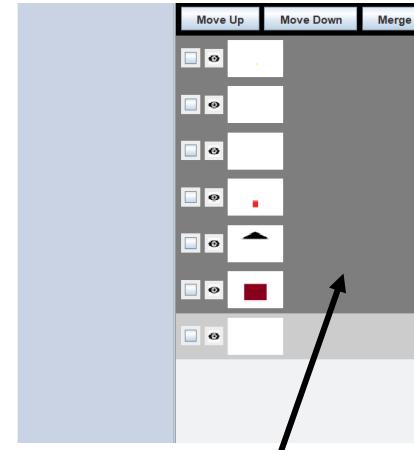
(Click Merge Button) Merged all house components into a single layer

Feature: Layers Preview Panel (Merging Layers 2)

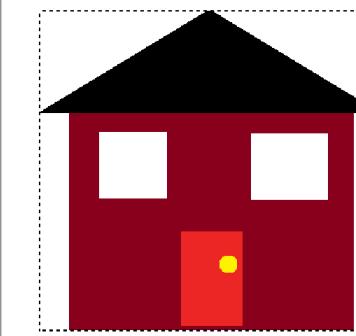
- Displays all the Layers that currently exist on Canvas
- Allows the user to select, hide/show, copy, delete, move up and move down layers
- Allows the user to merge layers together



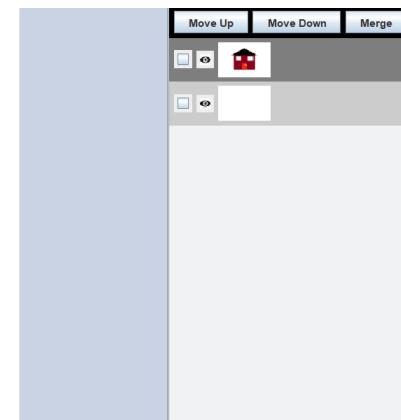
Hold ctrl and click all layers you want to merge together



Click merge layers option



Merged all house components into a single layer



Feature: Multiple Canvases

- Allows the user to work on up to three independent projects with different layers without having to open multiple instances of the app or close one and open another.

