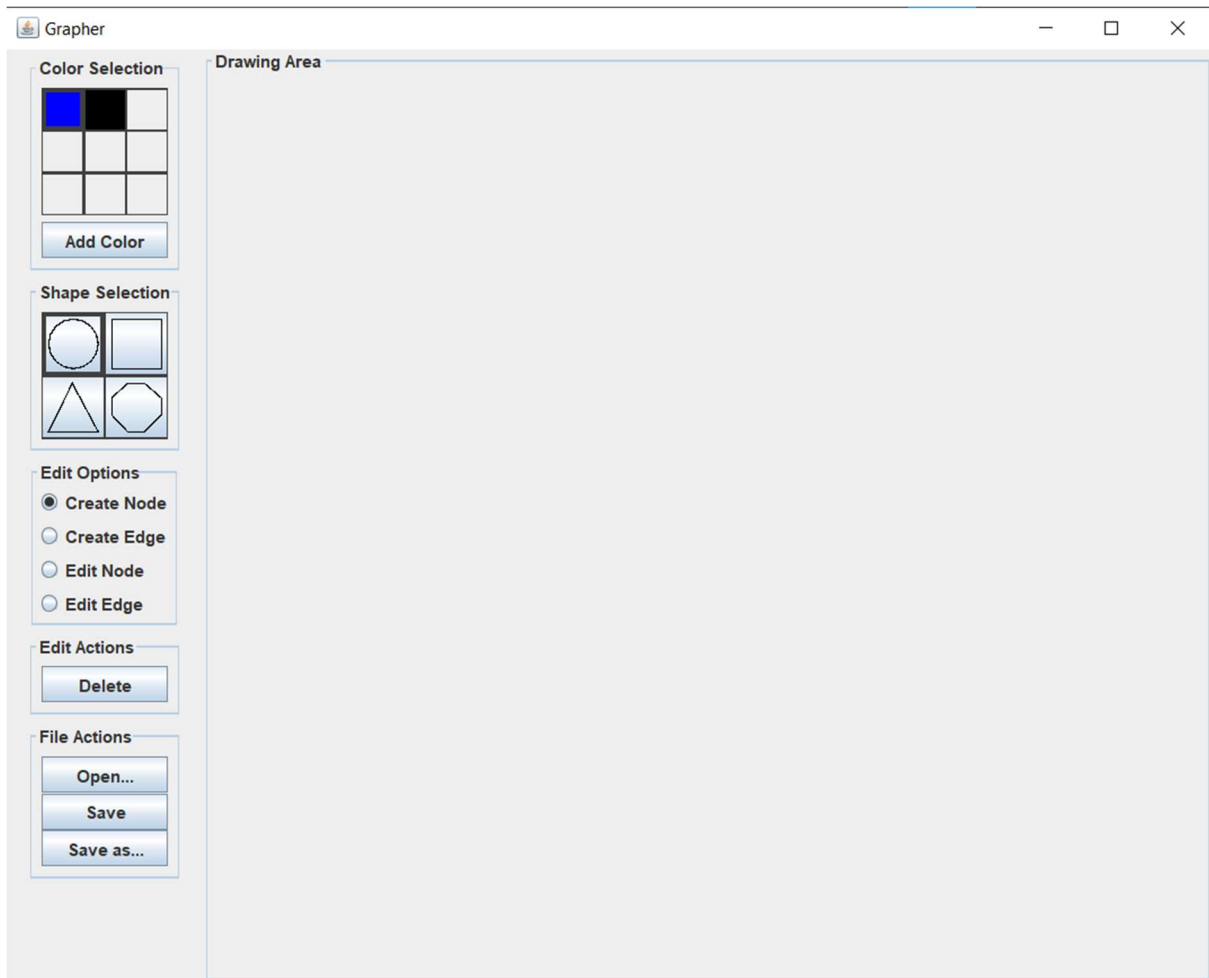


Grapher User Documentation

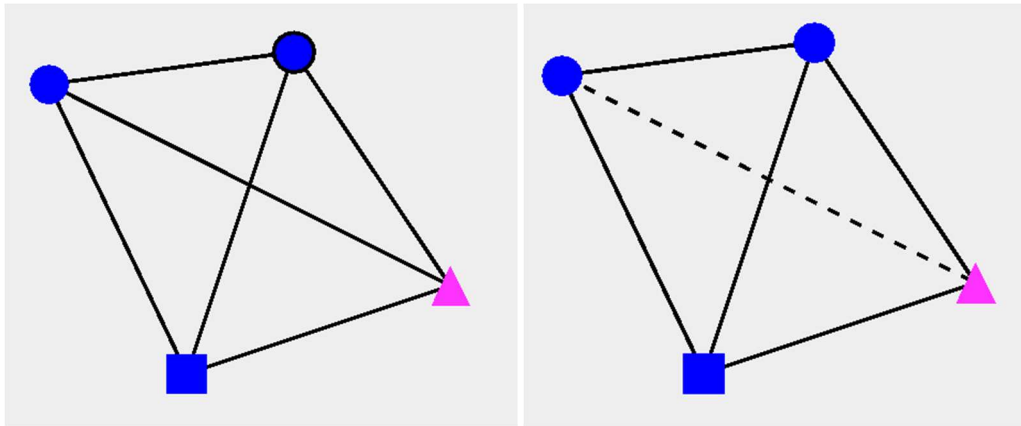
Upon launch, the app will display this window:



On the left side of the window is the **Control Panel**, the rest is covered by the **Drawing Area**. To create a graph, add nodes and edges to it by clicking/dragging in the drawing area with the correct mode selected in the **Edit Options** section of the control panel:

- **Create Node** lets you add new nodes to the graph by clicking on the drawing area.
- **Create Edge** lets you add new edges to the graph by dragging from one existing node to another.
- **Edit Node** lets you select a node by clicking on it (selected node will have a thick outline). The node can then be moved by dragging and recolored, reshaped or deleted using the appropriate sections of the control panel.
- **Edit Edge** lets you select an edge by clicking on it (selected edge will be dashed). The edge can then be recolored or deleted using the appropriate sections of the control panel.

Below you can see an example of a selected node and selected edge:



The **Color Selection** section lets you change the color of the selected element, and also to set the color that the next added element will have. The grid will keep the last up to 9 colors that you have used and new ones can be added using **Add Color** button. Upon selecting an element, its color will be selected in the color selection as well.

The **Shape Selection** section lets you change the shape of the selected node and set the shape of nodes that will be added next. There are four options: circle, square, triangle and octagon.

Delete Selected will delete the currently selected element.

The **File Actions** section lets you save your graph in a *.grph* file and also to open saved graphs.