Humaira Orchee

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You can use any material that you would like to use, including the source code, the video of the demo (that we will submit soon!) and the poster :)

Code My Thing

Instructions:

1) colorchoser.jar must be added to build path

* It was provided by you

2) Make a drawing on the left white canvas using the buttons below and click on “Code My Thing!” to generate the code.

3) The buttons are grouped into shapes that can be drawn, shape manipulators, select+copy+paste and delete one object and deleteAll on the top panel.

On the bottom panel the mode - Drawing, Selecting, Copy and Paste - is displayed, followed by fill color, border color, border size and the options of fill or no fill and border or no border. It is buggy though so does not show the modes already.

4) In order for line to be drawn, border must be selected

5) It generates a file named “output.pde” that is saved to the Project folder. You can run that file in Processing to get the same drawing.

6) Short cuts and Conveniences:

→ Right Click to switch modes from Selection to anything else. Mode is changed from Selecting to Drawing by default.

→ Right Click immediately after drawing the shape to change size to current location of mouse

(it’s really a bug, we like to think of it as a feature)

→ ‘0’ for rectangle

→ ‘1’ for ellipse

→ ‘2’ for line

→ ‘3’ for triangle

→ ‘-’ for smaller size

→ ’=’ for bigger size

→ ‘s’ to stroke

→ ‘z’ for smaller stroke size

→ ‘x’ for bigger stroke size

→ ‘Ctrl+c’ for copy

→ ‘Ctrl+v’ for paste

→ ‘d’ to delete one shape

→ ‘q’ to select

→ Left arrow key to rotate anti clockwise

→ Right arrow key to rotate clockwise

→ Up arrow key for moving up the layer

→ down arrow key for moving down the layer

Completed Objectives:

Shapes: Rectangles, Triangles, Oval

Color: for both Fill and Stroke

Stroke

Size

Save/ Code

Incomplete Objectives:

Line (rotate’s working, resizing is not)

Other objectives we’d like to implement, not done yet:

Resizing by each dimension

Arcs

Comment the code

Make the printed code

Undo Button