

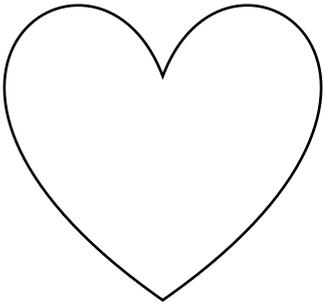


# JANOME

## Artistic Software

### Work Sheet 23

#### Array Fill/Array Line



In this worksheet we will produce the design shown, Floral Heart Shaped Rose using Hoop SQ23 and the MC15000. If you do not have the MC15000 select your machine and hoop size, the design can re-sized to suit your hoop.



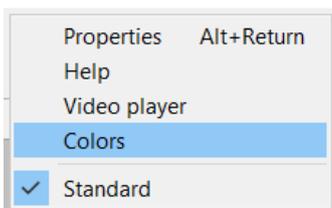
We have included the Heart Drawstitch file for the start of this exercise.

With Artistic Open, next open the file “White Heart Starter” which is a White filled Heart Shape.

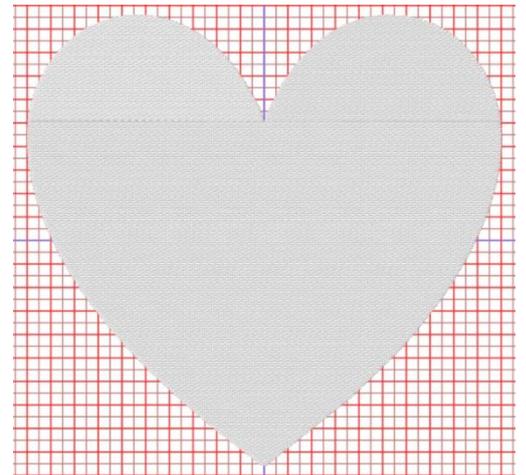
First, we need to give the shape an outline.

We have practiced various methods in the previous worksheets.

Another way is as follows:



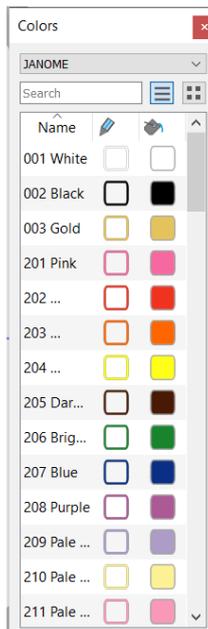
Right click on the top tool bar to open the “Colours” chart if not already open.



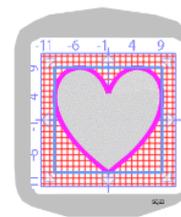
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Here you have Fill and Outline, make sure your heart is selected, choose a colour outline and click this once, your heart will now have a colour for the outline, the colour is not important at this time.

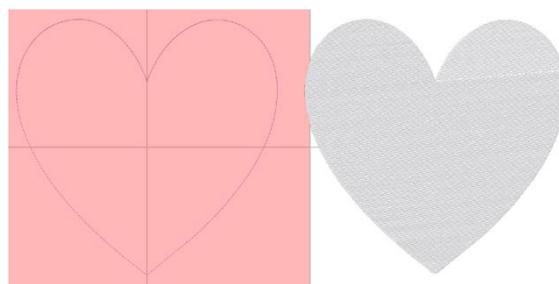
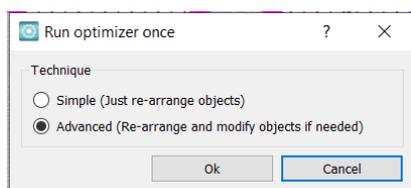


As you can see in the resequence it shows our White Heart with a different colour outline.

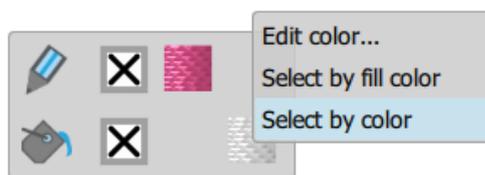
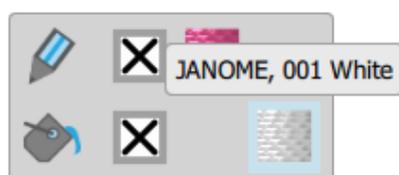


Next, we need to split the two objects, from the top tool bar click "Auto"

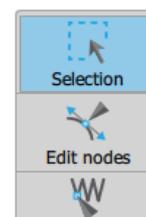
"Auto" will change to "Manual" also the Tool "Optimize" will appear to the right of Manual, click "Optimize" once, in the tool box that appears. Place your marker in "Advanced", this will separate the outline from the shape and you will be able to work more easily with the two objects separated.



We now need to select the Fill Colour White, the bottom left of the window shows your colour fill area White, right click on this and choose "Select by colour" (Pencil is the Outline, Bucket is the Fill).



It helps to have your "Selection" tool activated to enable selections to be made at any time whilst using this procedure.

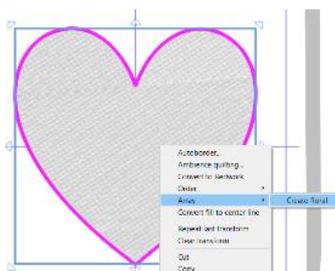


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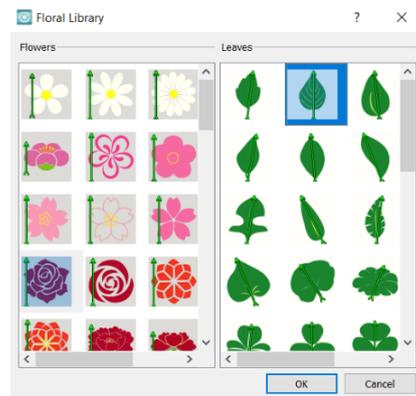
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With the White Heart Fill object selected, right click on your object to open the Right Click Menu as shown. Next Select the “Array” option and “Create Floral”

A new Window will appear for you to make your choice.



For this exercise I have chosen the single Rose and the Leaf as identified here to the right.



Click the “OK” button at the bottom of the window.

Your Heart will fill with the Rose and Leaf chosen with the added Stems in White. Colours can be changed later in this exercise.

If you open the “Properties” Window you will see all the choices for sewing this design, at this stage only use this to refer to.

Below is showing the ‘Slow Redraw’ and the order that this design will sew out. As you can see it is showing too many colour changes.



We are now going to correct this.

In the Properties window scroll to the bottom and click “Separate Objects”, right click on your design, and choose “Ungroup” from the Right Click Menu.

White is showing as our first colour. Select this in the resequence window, right click and open the “Colour” Bar.

Bottom left of the window right Click “Select by Colour” on the Lower White Square and change colour fill to a light brown, Janome Beige 213.

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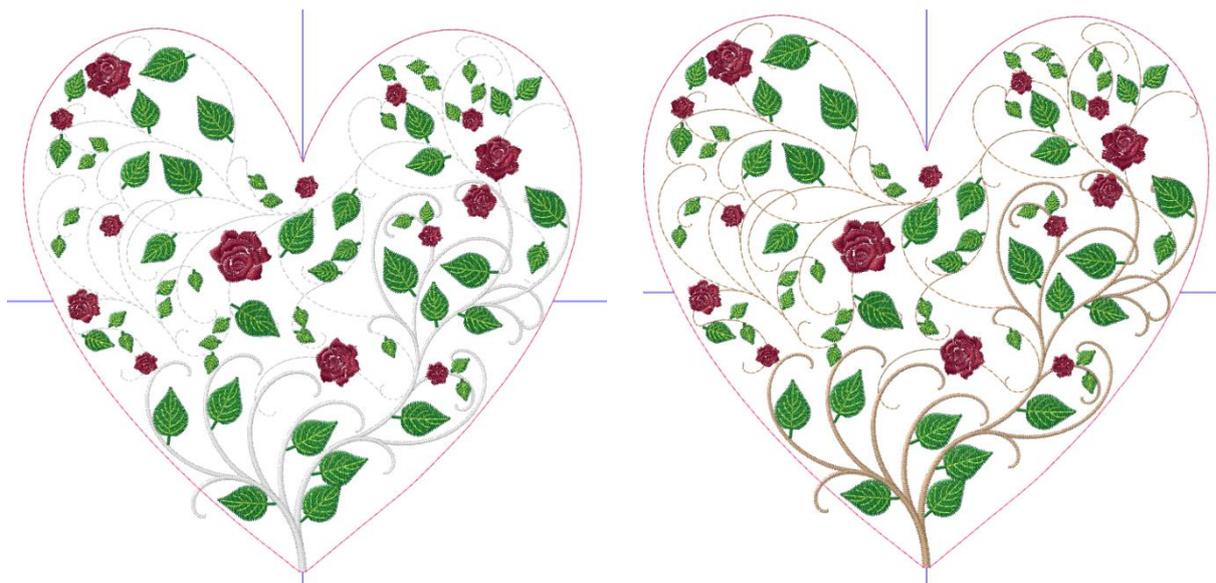
Repeat the same procedure for the top White Square, “Select by colour” again and this time not the Fill colour but the Line colour option needs to be chosen. Again use the same Janome Colour Beige 213 so all branches in your design are the same colour.

As you can see below the branches have been changed from White to Beige Janome 213. You can use your own colour choice if you prefer.

We now need to Resequence the Leaf parts as follows:

Bottom left of the window using the “Select by object” option again right click on the dark Green and “Select by colour”.

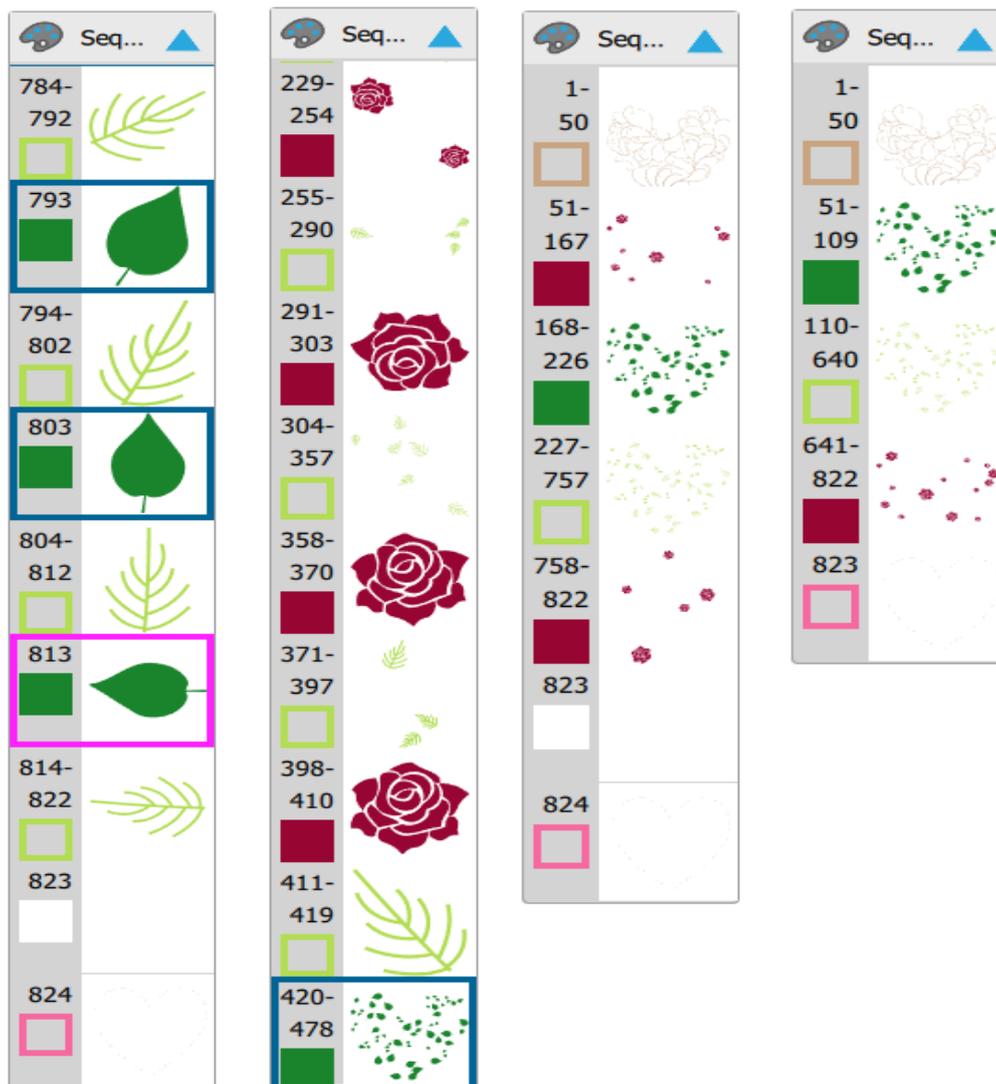
By clicking and holding down the Mouse Button on the selected Leaf parts in the resequence bar, drag upwards to place them all together, be sure not to let go too soon. If this happens click the “Undo” button and try again.



Complete this same procedure for the lighter Green colour the Leaf veins and again for the Roses.

As you can see below our resequencing is now showing our colour arrangement and a good sequence for sewing out

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Your design may be showing some extra objects not looking like embroidery Fill. This is simply artwork and will not affect your finished design.

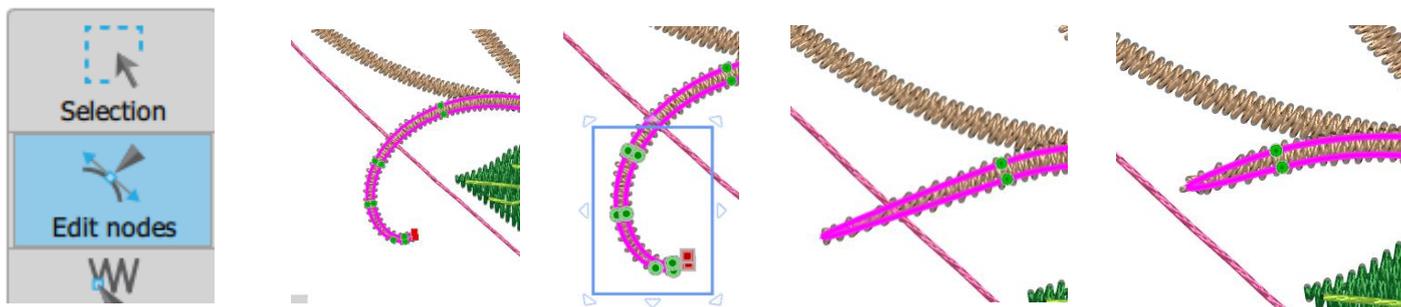
Part of this design is outside of our Heart, to correct this select the “Edit Nodes” tool from the left side Tool Bar, select the part that is outside the Heart, “Highlighted nodes” will be shown.

You can either select each node and delete or you can select over all the nodes outside the design and delete. If you still have a small area outside, place your

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mouse and click on the very end point and drag into the Heart Shape, as shown below in the last image to the right.

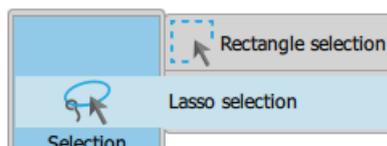
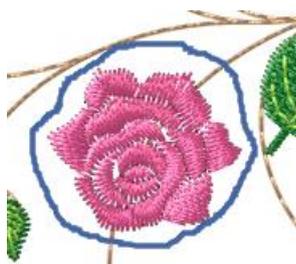
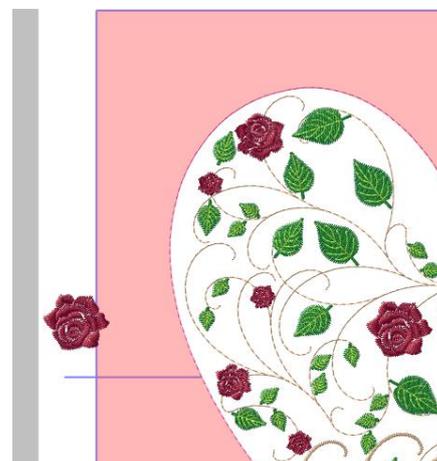


Your design should now appear like this.



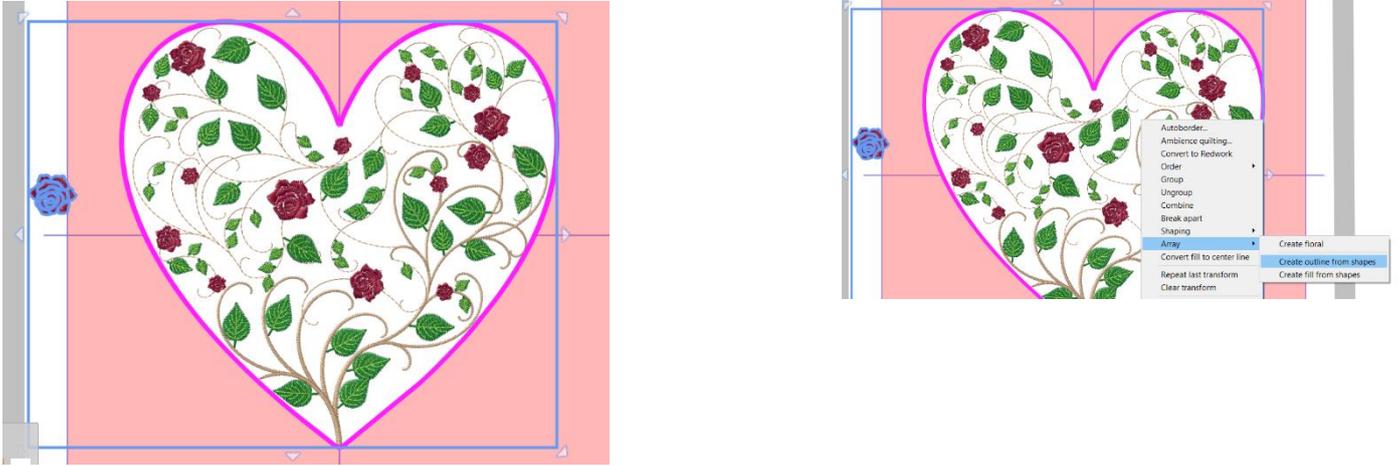
We now need to give our outline a Rose Fill.

We need to select one of the Roses from the design and Group it as one object. The selection tool allows “Lasso Selection” which means we can draw a line around one of the Roses to select it, then Right Click and “Group”. Next, Right Click and “Copy” and then “Paste” the chosen Rose, move the pasted Rose outside of your design as shown here.



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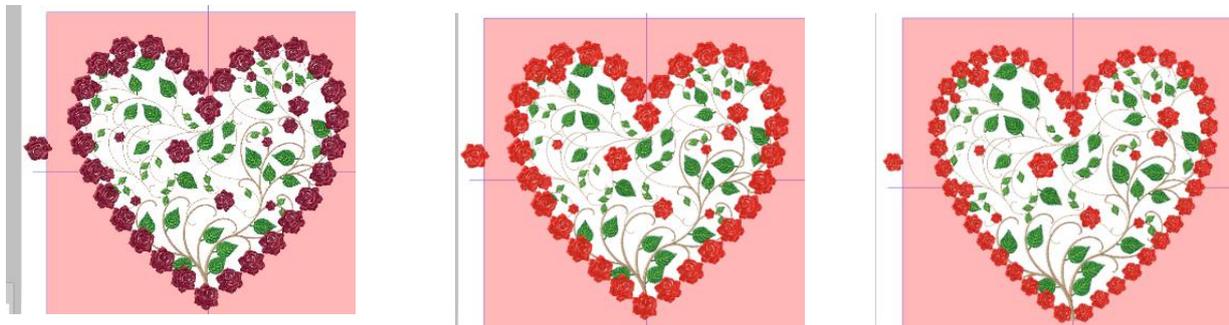
Select Both the Single Rose and your Outline Heart Colour,  
 Note: - Holding Down the “Control” button on your Keyboard allows more than one object to be selected, this will be useful for this procedure. With both objects selected “Right Click” to open the right click menu and choose the “Array” option, “Create Outlines from Shapes” and see what happens.



Your finished design should appear similar to the one shown below.

At this stage you can now change colours of the Roses to a Red. You will need to change the single Rose colour to Red. As before, hold control, select the single Rose and the outline Roses, click “Array to outline” and the colour will change to red as below...

You can follow this procedure by changing the size of the single Rose and again using the “Array to outline” option again.

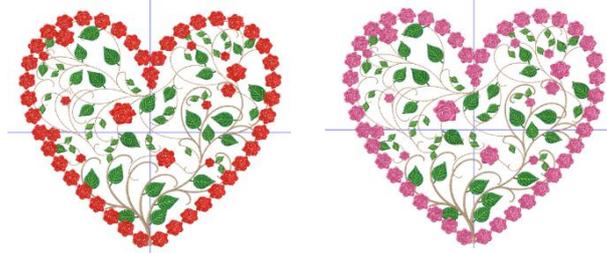


Your design is now finished and ready to send to your machine or memory device.

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Do not forget to save your design as a Draw Stitch file.

If you are happy with your design the single Rose can now be deleted before saving the file to your PC as a Drawstitch File.



Your design is now in a good order for you to sew, with less thread changes.



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