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Image Filters	"filter" refers to a process for modifying an image's appearance in some way – generate a new image whose pixels colors are derived from those in the source image
— create a new blank image which is the same size as the source dst = createImage(src.width, src.height, RGB);	
<ul> <li>use ARGB instead of RGB if you want to include transparency</li> </ul>	
<ul> <li>make the pixels from the source image available for access src.loadPixels();</li> </ul>	
<pre>- compute pixel colors for the destination image • a common pattern is to compute a color for every pixel based on the corresponding pixel in the source image go through { for ( int row = 0 ; row &lt; dst.height ; row = row+1 ) { for ( int col = 0 ; col &lt; dst.width ; col = col+1 ) { rows // location in pixels array corresponding to (row,col) and int loc = row*dst.width+col; columns // compute r, g, b in the image int r =red(src.pixels[loc]); int g =qreen(src.pixels[loc]); int g =qreen(src.pixels[loc]);</pre>	
<pre>int b =blue // set the p:     dst.pixels[le     } }</pre>	e(src.pixels[loc])…; ixel color pc] = color(r,g,b);
- save the pixel colors	
ast.updaterixels();	

## Image Filters Where to write this? create a filter function to do the four steps and return the created image take the source image as a parameter call the function in setup() if the filter is the same for every frame in draw() if the filter can be different in different frames



