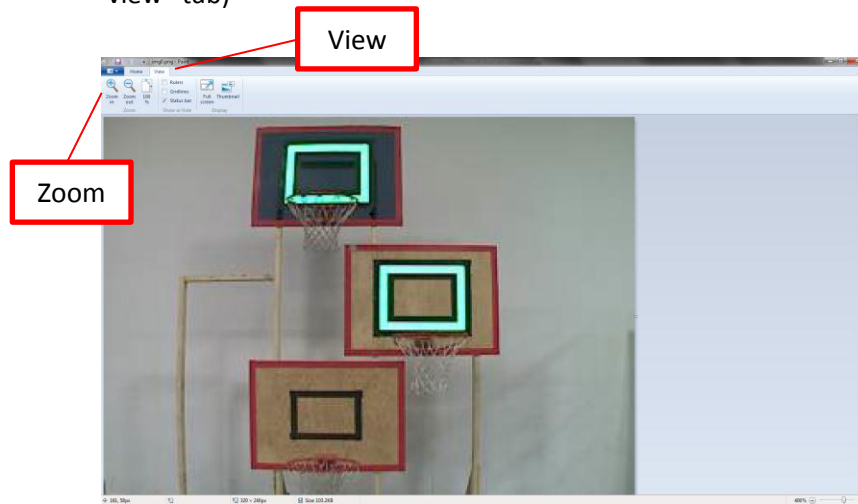


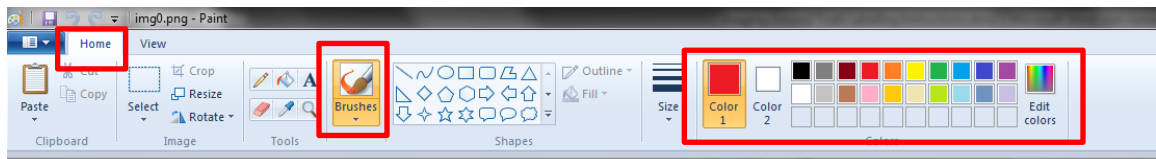
KBotics 2012

Imaging Ground Truth Labelling Instructions:

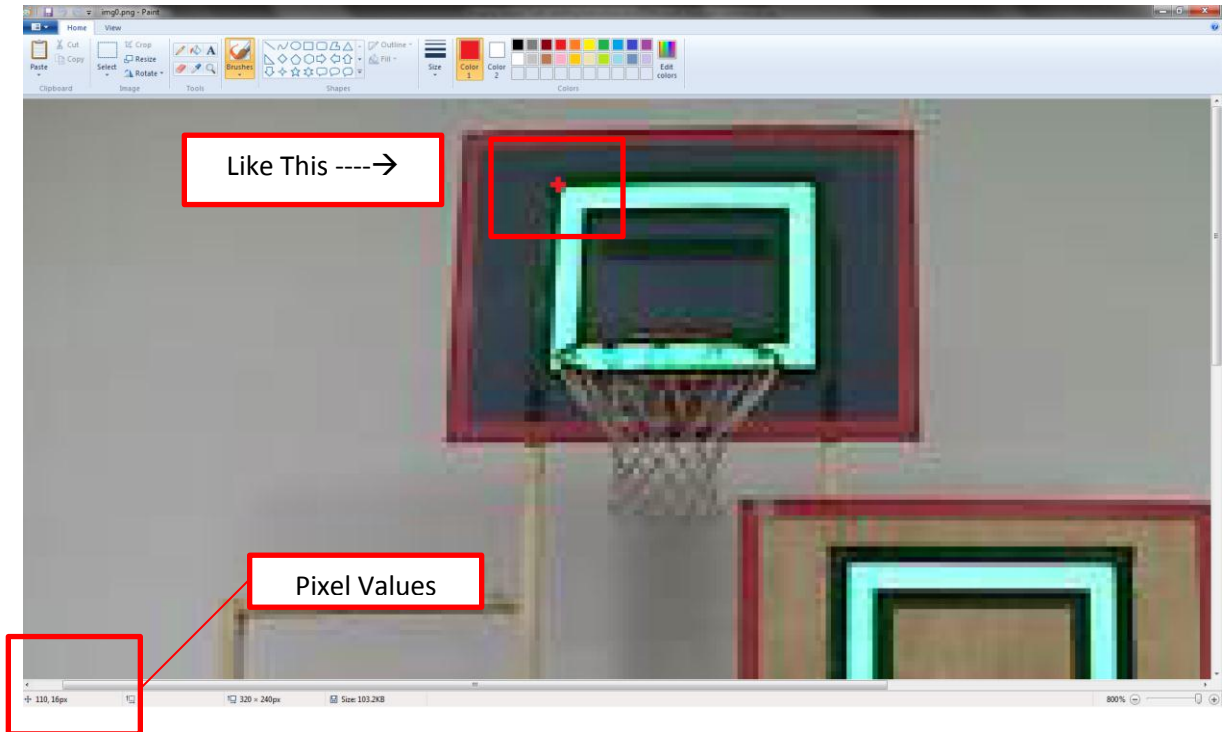
1. Open the image in paint, zoom in so the image takes up most of the screen (zoom is under the “view” tab)



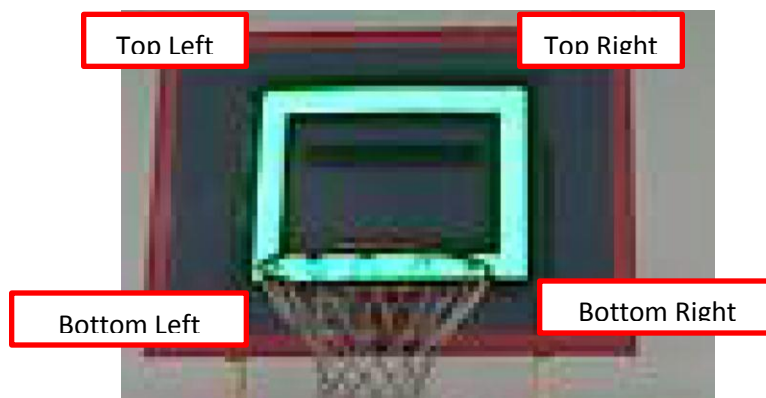
2. Back in the main tab change the color of your brush to something bright like red or yellow so it is easier to see



- Place your cursor / brush at each corner of the top target in the image and record the pixel coordinates (first coordinate is 'x' second is 'y' just like in Math!). Be as accurate as possible, have your brush so it is just right on the last clearly green pixel of the corner.



- Label the coordinates according to this:



- Enter the Data in the excel sheet provided, also fill out the column for the number of the image you labeled (see the highlighted example line):

		Top Left		Top Right		Bottom Right		Bottom Left		Results			
Image Number		x	y	x	y	x	y	x	y	Cx	Cy	W	H
eg.	1	110	16	160	15	160	52	108	52	134.5	33.75	51	36.5
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

- Save your work and email the excel sheet to kevinhughes27@gmail.com
- Thanks!!

Misc. Notes, Read This:

- If you're image sequence skips a few numbers don't worry about, what is important is that the data you label matches the image number in the image file name.
- Always label the top target that is in the image, sometimes this may be the second target don't worry just label whichever is highest.
- Don't worry about the cells you can't select, just enter the data and I will do the rest. If you want to know more about the purpose of all this I am happy to explain!