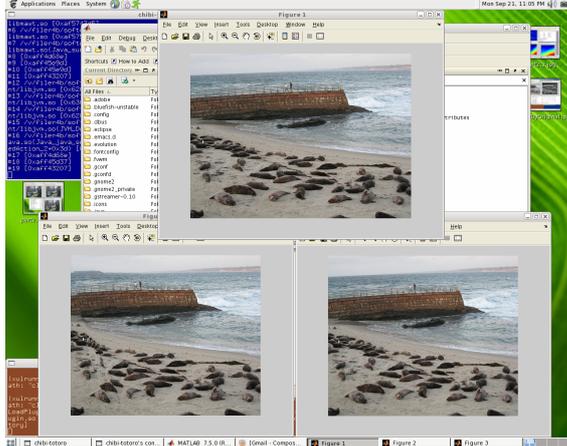


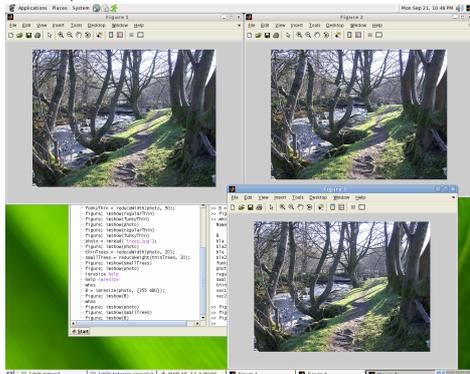
File2.pdf

Lisa Martinez
LMM863

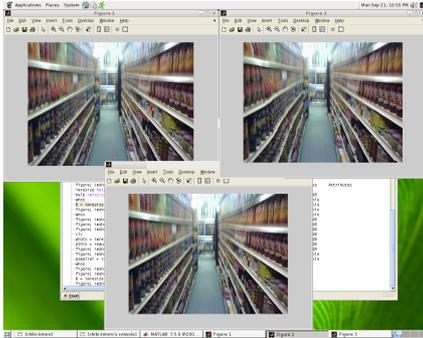
5.



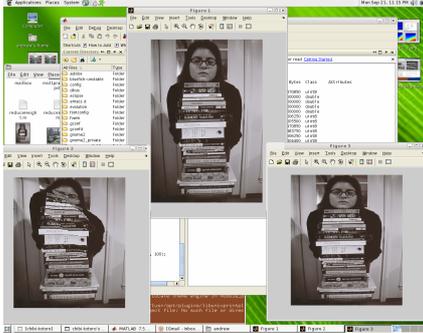
Reduced width by 70 and height by 10. original image was 375x500x3 and new was 365x430x3. the one on bottom left is probably from my program. I think it probably looks the way it does because the program kept removing seams until there were no good seams to remove anymore so it's a little distorted. The function `imremove` or whatever didn't do that much better than me, though, as you can see. There's some distortion there, too.



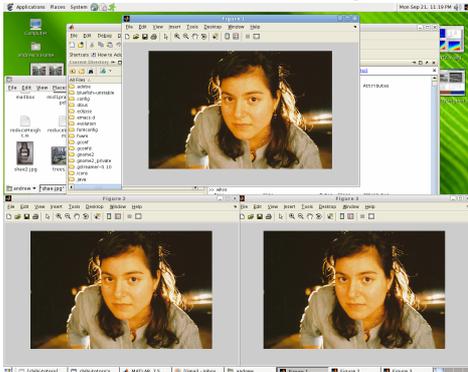
Original size: 375x500x3 and new size is 355x 480x3 'cause I reduced width and height by 20. as you can see, once again we removed too many seams where there was too much going on so my program couldn't always find a great seam to remove and it makes it look like there's a weird fold in the photo (top right). It's to be expected when you try to remove too many seams with this method.



Original size: 375x500x3 and new is 365x480x3 'cause I reduced width by 20 and height by 10. they all look pretty darn good and I guess it's because of how we start with kind of a funky photo, ya know? It was already blurred so I guess it's easier to find seams AND if there are mistakes maybe they're less noticeable because of the blurring and just the composition and colors of the original photo?



Original size: 500x337x3 and new is 400x337x3 and I reduced height by 100. once AGAIN we see how trying to remove too many seams will cause distortion even with an algorithm meant to do content aware resizing. The area near her face really is one of the places with the least amount of stuff going on, so it makes sense that that is where most of the removal is going on, and then you can see how the seam doesn't interrupt any part of the shadow that starts toward the top and is all on the bottom left-hand corner. Yeah, makes sense. The imresize() or whatever did much better than me in this case.



Original size: 324x500x3 and new is 324x495x3 'cause I reduced width by 5 which means that this photo turned out great! The only stuff really changed probably was the big black area on the left of the photo. You can't really see a difference at all!

There was a third photo chosen by me but it was taking too long and I ran out of time. Too bad I'm getting this turned in late, too. Oh well. I learned a lot from this assignment and worked hard so I could feel worse. :p

Thank you to allotrope, russellsmith, the consumerist, and snm0056 for seals, trees, groceries, and self portraits!!!