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<div align="center">Project Proposal:</div>

Iconic photos throughout history have impacted and trademarked entire movements, events, and even time periods. Incredibly noteworthy politicians like Barack Obama have used photos[1] and specific filters to spread their messages across the world. This just goes to show the potential impact this type of creative medium can have. To further demonstrate the impact of photos through this medium, I plan to implement my java skills on my own creative filter generator. Through this filter, I hope to emanate the same type of iconic image as the original Barack Obama "Hope" filter. By going pixel by pixel, I plan to develop a java program that changes each pixel of an image to its designated color or hue. By using loops and if-statements this program will change each and every last pixel before terminating. To do this I plan on adding each pixel of a given image to an array called pixels[]. Once all pixels are placed into this array it will be much easier to manipulate them to form my filter. After the custom filter changes are made to these pixels, all together they will make up the newly converted, filtered image. When this program, titled myFilter, eventually ends the given picture post filter, with my specific filter, will be produced for the user to see. If time permits, my program will encourage the user to save and possibly share their new image. By the end of this project, if my goals are met, I will have produced a beautiful and impactful filter that can be used by users everywhere.

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[1] https://en.wikipedia.org/wiki/Barack_Obama_%22Hope%22_poster