

Algorithm

- Prompt users with a menu displaying the certain options for the program
- Check choice that user makes(to the image) then follow that path
- After following that path, prompt the second menu showing the edit options
- After completing the edit options, prompt user to save their image to a file

(Main)

- Menu
- Start Prompt (dimension of picture)

(Logic)

- Follow the path the the user chooses

(File)

- Output said picture to the file
- If user wants another picture in the file, write over previous picture

(Edit Pic)

- Prompt a menu with the certain options
- Crop
- Brighten
- Dim
- Exit

(Crop)

- Set the image to a specific 2d array size if they want to crop the image

(Brighten/Dim)

- Decrement each pixel if they want to dim the image
- Increment each pixel if they want to brighten the image

(Display Image)

- Print the image the user chooses inside of the terminal

(Load New Image)

- Take a user's image and convert it to our specific key, print that image into the terminal
- Use a 2d array for all of the pixels within the image
- Can users import images by dragging the "txt" or "jpeg" file into their directory?

(Edit Image)

- Take the users image, make changes to it deciding on what the user would like to do
- Decrement each pixel if they want to dim the image
- Increment each pixel if they want to brighten the image
- Set the image to a specific 2d array size if they want to crop the image

Cs Tools

- 2D Arrays
- Iterations
- Formatted IO
- FILE IO
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