

Project Design  
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Erinstagram

Data:

- Standard io
- If
- Switch
- array
- 2darray-image
- File io-image file
- Loops-menu
- Scan for user inputs

Run the program:

When the user runs the program, they'll be given a message and then displayed a menu. The user enters the variable number that goes with their choice. The choices are load, display, edit, and exit. Edit opens another menu displaying options to dim, crop and brighten. The user goes through this and then saves their image and the program ends.

## Functions

Mainfunction:

Use: stores the menu-shows the menu-gets the choice

Input: users choice

Output: users choice for the image

Loadpic:

Use: stores the image

Input: file?

Output: array in the file

Displaypic:

Use: displays the o's in the terminal

Input: array of the image

Output: none

The menu:

Use: offer choices to user

Input: users number

Output: none

Themenumenu:

Use: a second menu to edit the image

Input: number variable

Output: none

Croppic:

Use: makes the image smaller in certain areas in the array

Input: saved file

Output: a smaller array

Dimpic:

Use: dims the circles by changing the size.

Input: saved image

Output: a new version of the image that's dimmed with what the users choice

Brightpic:

Use: the opposite, makes the circles bigger.

Input:saved image from the file

Output: a new version of the image that's brighten with the users choice