Andrew Beltran
4/28/24
cs 135

How it works

Users will be asked to put a grayscale image and the program will store numerical values. Then look through all of the values and set the values greater that are 0 to nothing for our space , 1 for space so we are able to crop the image , 2 for a . , 3 to brighten the image with ‘o’ our upper case letters and 4 to 0 for a zero our lower case letters. Then the user will be asked if they want to render/display their grayscale image to the screen. If so, render if not end the program and say have a good day.

#define space as ‘ ‘

#define period as ‘.’

#define lowercase as ‘o’

#define upper case as ‘O’

#define zero as ‘0’

Main{}

Data - this is our arrays and it’s going to find the int [max_row_size][max_ column _size] for the original image and find the int for the edited image.

Something like this

Int original_image[max_row_size][max_column_size]

Int edited_image[max_row_size][max_column_size]

Int rows, columns;

Then void everything because we only going to get the users image once and show the users edited image once

Then we are going to read the users file to get our image

Then We are going to ask the user to pick a number from 1 - 5 And display what each number does.

Then when we have the users input we are going to use an else if or a case break statement whichever one is easier.

Something like this

If 1 crop users image

Else if 2 dim users image .

Etc

It should Function like this

Get/read the users image form the file .and save the image to our arrays and then we are going to see if they want to display their image to the screen or edit the image and give them the options to edit their image and if the user want to exit from the program tell them to put E for exit or something the Printf have a good day.

Don’t forget we need 6 functions

So one function for cropping the image another one for dimming the image etc until we have 6.

If we have time try to make the image rotate 90 degrees for extra credit.

Examples of a function

For 2

```
Void dim_image (){

For (int i = 0;  i < rows; i++){

For (int o =0;  j = < coulomb; j++){

Edited_image[i][o] > 0 ;

}}

Printf(“your image was dimmed”\n);

}
```