final project design functions Muin Manu () Selection Data input: User int output; int main menu choice functionality: direct computer to next function Wen v Choile-inf Functions Pointers load new 'mage () the the basic program skills input: user's rile choice Algorithm Marables output: users file is read - Selection Enchimality: read users file VSE6 15 prompted Scrmat 10 · If they choose to load a new image, display (went; mage () format I/o they will be prampted for the Elename input: the file that is currently being need Containing the image, & then it will be read. adopti display of current Sile It they choose to display the cirrent image Fundrimality: 6: splay current Sile the betault file will be read. It they choose to edit the current image lc'it Ment () selection shey will be asked what to bo. input: the int pertaining to main menu & intestmenu Choice II they choose crop they Will be asked Output: int edition choice what parts to "cut out". Those parts Sundrimality: direct computer to the correct editing tool WIN Change to blank spaces 3 image will display Crop () Format III, teration, arrays, selection - If Ney Choose to dim the program will input: Bers edit menu Choice, current image file 3 users decrease the int assigned to the char to -13 image desired d'intensions à desired center point. will display, output: New ; mage file weeting users parameters . If they choose to brighten the program will functional: 1/1: change diwensions of a new Array increase the intassiquel to the char to +13; mage Will display d'M theatan arrays, selection If they choose to notate 90° they will be asked Input: vsers edit menu cho: ce 3 current image file which direction. cofput: The current image last cach value is decreased by I · If left then column 1 becomes row 13 image is Sunctional, 4: Change What is Stored in Array It sight then you I becomes Column I3 image is brighten () iteration, Arrays, selection d'splayed Timput: users edit menu choice & current image & le ... Even image will display. Output: Current: mage but each vake is increased by I ... then they will be asked : I they want to save fenctional: ty: change what ; 5 Stored in array Vew :mage. F/eI/O If yes ash for a file name 3 returne rotate 1 Heration, Arrays selection Mush menu. Input: users edit menu choice, current image, & Sirection If no veturn to the main menu WERDL. Current mage tilted 90° by changing row I to · If they choose to exil the program the program will COMMY 1 & VIS Versa. Stop rinning Sunctionality: Create multiple arrays from image & poiste hem together to create a new 20 Array

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