Computing for Graphics Programming Project User Manual

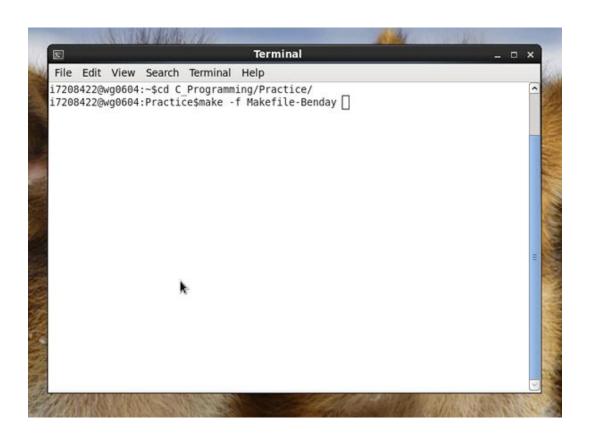
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Project Option 4: Generation of Roy-Lichtenstein-like images from Photographs

Step01

In the terminal, go to the right directory which contains the C code, Makefile and all your images and Benday dot template.

Step02
Run the code in the terminal, make –f Makefile-Benday

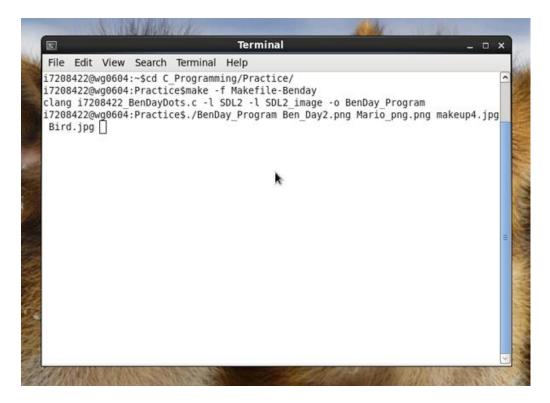


Step03

In the terminal, type

./BenDay_Program <BenDay template> <Pictures to be inserted>

You can type more than one image as shown below. Separate each picture with a space.



Step04

The program will do some calculations which may take some time. After which it will display an image in a window as well as some instructions in the terminal.

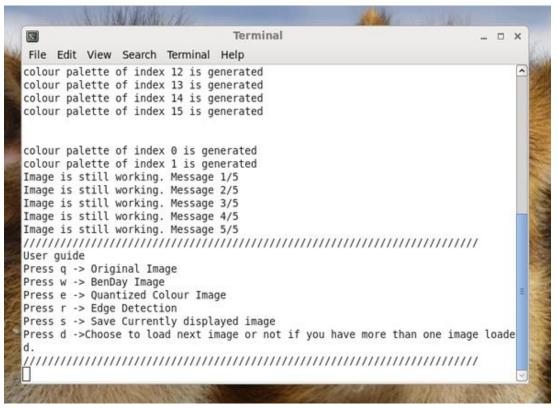
By pressing the various keys, you can display the respective images

Q = Original Image

W = BenDay Image

E = Quantized Colour Image

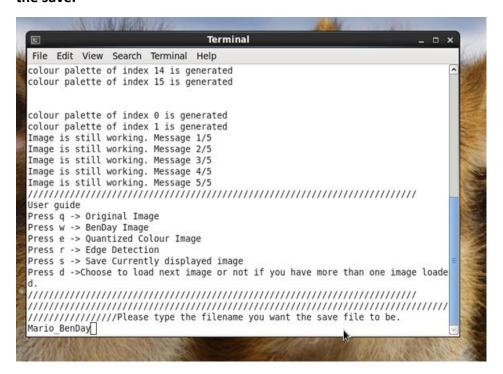
R = Edge Detection





Step05

You can save any of the 4 displayable pictures by first displaying them on the window and press S. You will be asked to name your save file in the terminal. Press enter to complete the save.



Step06

If you have uploaded more than one picture, the d key will be enabled. You can press the d button in the window and in the terminal it will ask if you would like to load the next file. Press Y for yes and N for no. If you press N, the d button will be disabled.





