1) Write an algorithm to store data of a 2D image seen as a 2D array for black and white images

Begin

    load image

    width, height of image

    for w in range(width):

        for h in range(height):

            if image[h][w] == 0:

                image[h][w] = 255;

             else

                image[h][w] = 0;

             end if

        end loop

    end loop

    display image

End

2) Write an algorithm to store data of a 2D image seen as a 2D array for color images

Begin

    load image

    width, height of image

    for w in range(width):

        for h in range(height):

            red = image[h][w][2]

            green = image[h][w][1]

            blue = image[h][w][0]

        end loop

    end loop

    display image

End