
```
function [b,c] = negative(im)
%UNTITLED Summary of this function goes here
% Detailed explanation goes here
[row col byt] = size(im); %taking size of image according to rows and coloumns (note)
a = im(:,:,1); % allocating only Red components
b = im(:,:,2); % allocating only Green components
c = im(:,:,3); % allocating only Blue components
a = double(a); %changing data type
b = double(b); % REMOVE and SEE the DIFFERENCE
c = double(c);
for x = 1:1:row % till end of rows)
    for y = 1:1:col %till end of Coloumns
        new(x,y) = (a(x,y)+b(x,y)+c(x,y))/3; % diving each pixel value with 3
        new1(x,y) = 0.3*a(x,y)+0.59*b(x,y)+0.11*c(x,y); %for Conversion Standard Format
    end
end
b = uint8(new);
c = uint8(new1);
end
```