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```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
% ENGR 133
% Program Description: Rotate image based on user input
%
% Assignment Information
%   Assignment:     Ma4 Task4
%   Team ID:        LC1-04
%   Contributor:    Roshan Sundar
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

INITIALIZATION

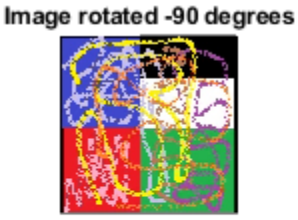
read image

```
orig_img = imread('block.png');

% get user choice on rotation
%choice = menu('Select a rotation','90o cw', '90o ccw', '180o/
flipped');
choice = 2;
```

OUTPUTS

```
figure(1)
imshow(orig_img)
title('Original Image')

img_disp = [];
if choice==1
    img_disp = Ma4_Task4_90_clockwise_rmsundar(orig_img);
    figure(2)
    imshow(img_disp)
    title('Image rotated 90 degrees')
elseif choice==2
```

```
    img_disp = Ma4_Task4_90_counterclockwise_rmsundar(orig_img);
    figure(2)
    imshow(img_disp)
    title('Image rotated -90 degrees')
elseif choice==3
    img_disp = Ma4_Task4_180_flipped_rmsundar(orig_img);
    figure(2)
    imshow(img_disp)
    title('Image rotated 180 degrees')
end
```



ACADEMIC INTEGRITY STATEMENT

I have not used source code obtained from any other unauthorized source, either modified or unmodified. Neither have I provided access to my code to another. The project I am submitting is my own original work.

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