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```
clc;
close all;
clear all;

% Read Colour Image and convert it to a grey level Image
% Display the original Image
mycolourimage = imread('image1.jpg');
myimage = rgb2gray(mycolourimage);
subplot(3,3,1);
imshow(myimage); title('Original Image');

% Apply Roberts Operator
% Display both horizontal and vertical Edges
robertsedg = edge(myimage, 'roberts');
subplot(3,3,5);
imshow(robertsedg,[]); title('Roberts - Edges');
```

**Original Image**



**Roberts - Edges**



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