

# Lab-Quiz (01)

- Read an image 'cameraman.tif' and interchange the top-left square of an image with bottom-right square and top-right square with bottom-left square. Show your results.

- Solution:

```
>> img = imread('cameraman.tif');  
>> [r c] = size(img);  
>> r_o = r/2;  
>> c_o = c/2;  
>> img_tl = img(1: r_o, 1: c_o);  
>> img_tr = img(r_o, c_o + 1: end);  
>> img_bl = img(r_o + 1: end, 1: c_o);  
>> img_br = img(r_o + 1: end, c_o + 1: end);  
>> imshow(img), figure, imshow([br bl; tr tl])
```

