## Islamic University Faculty of Computer and Information Systems



## الجامعة الإسلامية كلية نظم الحاسبات والمعلومات

## CCS-3085 - Digital Image Processing Lab 7

**Third Semester 2023** 

Grade

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```
1 RGB = imread('tree.jpg');
2 I = im2gray(RGB);
3 J = dct2(I);
4 imshow(log(abs(J)),[])
5 colormap parula
6 colorbar
7 [r,c] = size(J);
8 J(r/2:r,c/2:c) = 0;
9 K = idct2(J);
10 K = rescale(K);
11 montage({I,K})
12 title(['Original Grayscale Image Processed Image|']);
13
```

