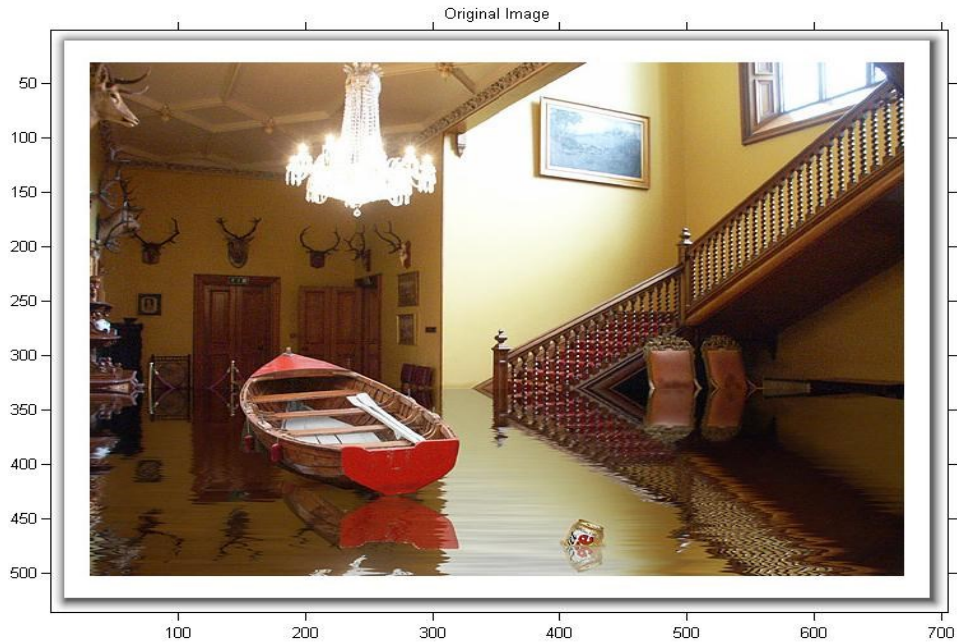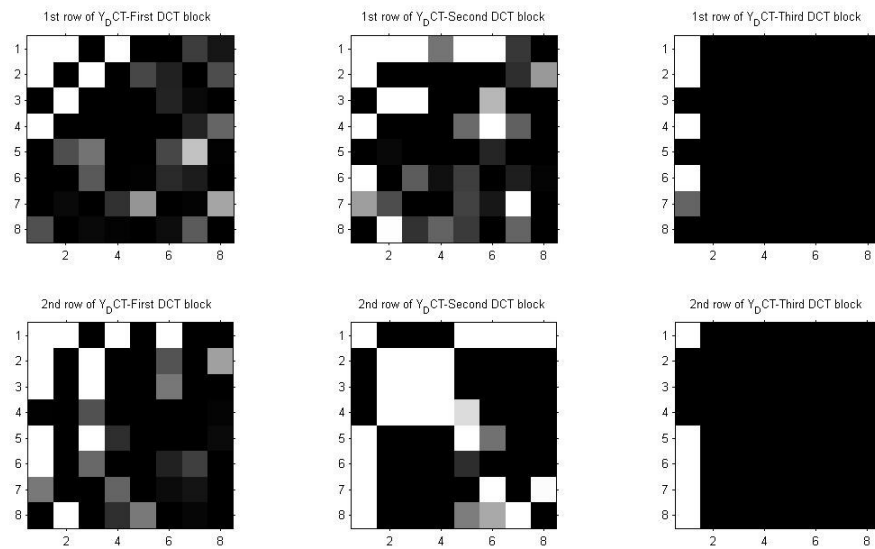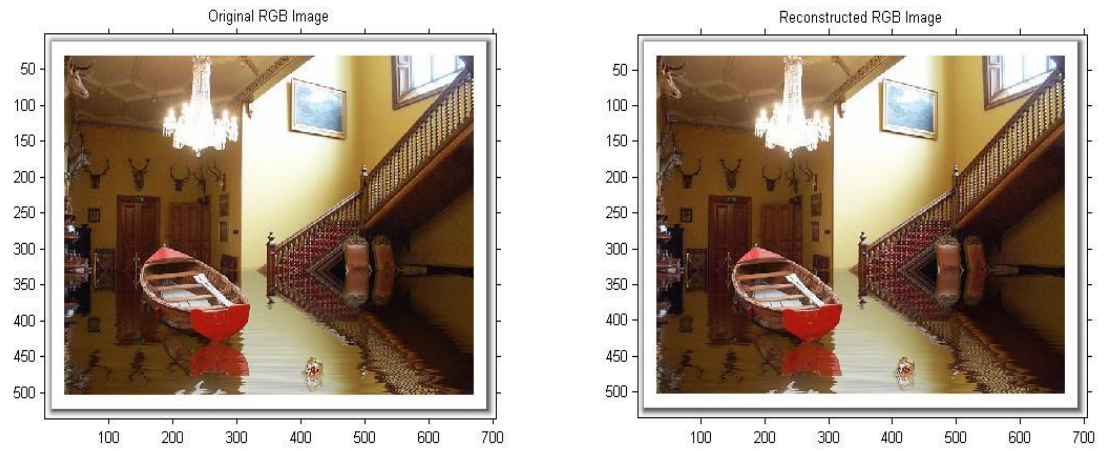# LIST OF FIGURES

1.) figure(1) = Displays the Original Image given in the problem.

Original Image

2.) figure(3) = Displays the Image of the DCT transformed image blocks of the first 3 blocks in the first two top rows for the luminance component.

1st row of Y_DCT-First DCT block   1st row of Y_DCT-Second DCT block   1st row of Y_DCT-Third DCT block

2nd row of Y_DCT-First DCT block   2nd row of Y_DCT-Second DCT block   2nd row of Y_DCT-Third DCT block

4.) figure(4) = Displays the Original and Reconstructed RGB Image.

5.) figure(5) = Displays the Error.