EE5351\_DIGITAL VIDEO CODING

ASSIGNMENT\_CALIC

NAME:PAVAI ARCHIMEDES

ST ID: 1001233996

PROGRAM:

clc;

close all;

clear all;

fid1 = fopen('sena.img');

fid2=fopen('sensin.img');

fid3=fopen('Omaha.img');

fid4=fopen('earth.img');

image\_sena = fread(fid1,[256 256]);

image\_sensin = fread(fid2,[256 256]);

image\_Omaha = fread(fid3,[256 256]);

image\_earth = fread(fid4,[256 256]);

image\_sena=uint8(image\_sena');

image\_sensin=uint8(image\_sensin');

image\_Omaha=uint8(image\_Omaha');

image\_earth=uint8(image\_earth');

imwrite(image\_sena,'C:\Users\PAVAI ARCHIMEDES\Desktop\sena.bmp');

imwrite(image\_sensin,'C:\Users\PAVAI ARCHIMEDES\Desktop\sensin.bmp');

imwrite(image\_Omaha,'c:\Users\PAVAI ARCHIMEDES\Desktop\omaha.bmp');

imwrite(image\_earth,'c:\Users\PAVAI ARCHIMEDES\Desktop\earth.bmp');

subplot(2,2,1);

imshow('C:\Users\PAVAI ARCHIMEDES\Desktop\sena.bmp');

title('FORMAT CONVERTED IMAGE OF SENA');

subplot(2,2,2);

imshow('C:\Users\PAVAI ARCHIMEDES\Desktop\sensin.bmp');

title('FORMAT CONVERTED IMAGE OF SENSIN');

subplot(2,2,3);

imshow('c:\Users\PAVAI ARCHIMEDES\Desktop\earth.bmp');

title('FORMAT CONVERTED IMAGE OF EARTH');

subplot(2,2,4);

imshow('C:\Users\PAVAI ARCHIMEDES\Desktop\omaha.bmp');

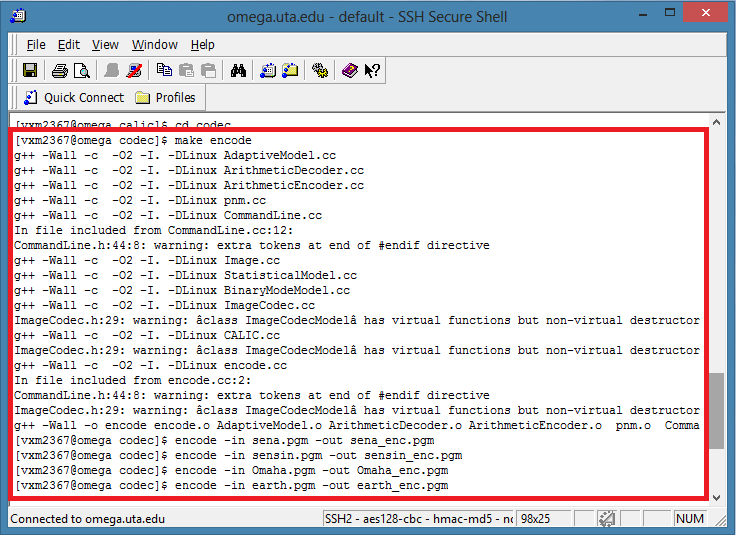
title('FORMAT CONVERTED IMAGE OF OMAHA');

OUTPUT:

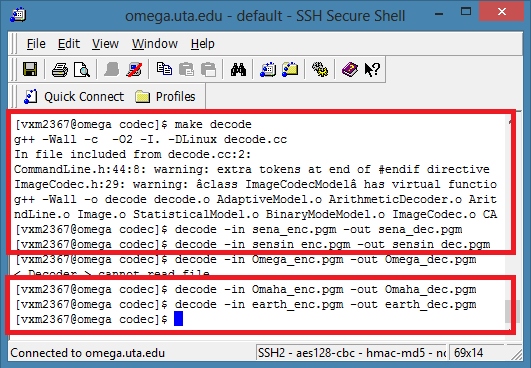
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OMEGA OUTPUT:

ENCODED:



DECODED:



RECONSTRUCTED IMAGE PROGRAM:

clc;

close all;

clear all;

subplot(2,2,1);

imshow(imread('C:\Users\PAVAI ARCHIMEDES\Desktop\sena\_dec.pgm'));

title('RECONSTRUCTED IMAGE OF SENA');

subplot(2,2,2);

imshow(imread('C:\Users\PAVAI ARCHIMEDES\Desktop\sensin\_dec.pgm'));

title('RECONSTRUCTED IMAGE OF SENSIN');

subplot(2,2,3);

imshow(imread('C:\Users\PAVAI ARCHIMEDES\Desktop\earth\_dec.pgm'));

title('RECONSTRUCTED IMAGE OF EARTH');

subplot(2,2,4);

imshow(imread('C:\Users\PAVAI ARCHIMEDES\Desktop\Omaha\_dec.pgm'));

title('RECONSTRUCTED IMAGE OF OMAHA');

OUTPUT:

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