

## Assignment 6

### Part 1

16ucs126

close all;

I=imread('moon.jpg');

figure;

imshow(I);

P=rgb2gray(I);

R=zeros(size(I));

R=im2bw(I,0.04);

figure;

imshow(R);

S = uint8(255 \* R);

[x,y]=size(R);

W=uint8(zeros(x+200,y+175));

for i=1:x

for j=1:y

%if(R(i,j)==1)

W(i+200,j+175)=P(i,j);

%end

end

end

figure;

imshow(W);





