**PSEUDO COLOURING**

clc

clear all

close all

i= imread('C:\Users\Public\Pictures\Sample Pictures\jetsons.jpg');

pic=rgb2gray(i);

figure,imshow(pic)

[r,c,p]=size(pic);

for a=1:r

for b=1:c

if 1<=pic(a,b)&& pic(a,b)<=100

red(a,b)=247;

g(a,b)=0;

bl(a,b)=0;

else if 101<=pic(a,b)&& pic(a,b)<=200

red(a,b)=0;

g(a,b)=247;

bl(a,b)=0;

else if 200<=pic(a,b)&& pic(a,b)<=255

red(a,b)=0;

g(a,b)=0;

bl(a,b)= 247;

end

end

end

end

end

final=cat(3,red,g,bl);

figure,imshow(final)

