Program :

```matlab
F=imread('car.png');
//F=imresize(F,0.5);
figure(1);
subplot(1,2,1);
title('Original Image');
imshow(F);

g=rgb2gray(F)
G=256-F;
figure(1)
subplot(1,2,2);
title('Negative Image');
imshow(G);
figure(2);
subplot(1,2,1);
imshow(g);
title('Gray Image');
C=50;
H=uint8(C.*log(double(1+g)));
figure(2);
subplot(1,2,2);
imshow(H);
logtext=sprintf('Logarithmic Operator for C=%2.1f',C);
title(logtext);

C=1;
gamma=1.2;
I=uint8(C.*((double(g)).^gamma));
figure(3);
subplot(121);
imshow(I);
powtext=sprintf('Power Law Operator for C=%2.1f and gamma=%0.2f',C,gamma);
title(powtext);

[m,n]=size(g);
c=zeros(m,n);
for i=1:m
    for j=1:n
        if g(i,j)>=227
            c(i,j)=255;
        else
            c(i,j)=0;
        end
    end
end;
subplot(122)
imshow(c);
title('gray level sliced image from an intensity level 240 onwards');
```

Output :

Original Image

Negative Image

Gray Image

Logarithmic Operator for C=50.0

Power Law Operator for C=1.0 and gamma=1.20

gray level sliced image from an intensity level 240 onwards