Assignment 6 part 2
16ucs126

```
close all;
I=imread('test.png');
[rows,cols,b]=size(I);
xc=rows/2;
yc=cols/2;
t =15;
figure,imshow(I);
for i=1:7
for r=1:rows
for c=1:cols
I2=zeros(800,800,b);
nx=(r-xc)*cosd(t)-(c-yc)*sind(t)+x1;
ny=(r-xc)*sind(t)+(c-yc)*cosd(t)+y1;
%disp(ceil(nx));disp(ceil(ny));
I2(ceil(nx)+75,ceil(ny)+75,1)=I(r,c,1);
I2(ceil(nx)+75,ceil(ny)+75,2)=I(r,c,2);
I2(ceil(nx)+75,ceil(ny)+75,3)=I(r,c,3);
end
end
t=t+15;
figure;
imshow(uint8(I2));
end
```