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Roll no: 3350


```
clc;
clear all;
i=imread('cameraman.tif');
j=double(i);
k=double(i);
[row,col]=size(j);
T1=input('Enter the lowest threshold value:');
T2=input('Enter the highest threshold value: ');

for x=1:row
    for y=1:col
        if((j(x,y)>T1) && (j(x,y)<T2))
            j(x,y)=i(x,y);
            k(x,y)=255;
        else
            j(x,y)=0;
            k(x,y)=0;
        end
    end
end
figure,
subplot(311), imshow(i),title('orginal image');
subplot(312), imshow(uint8(j)), title('graylevel slicing with background')
subplot(313), imshow(uint8(k)), title('graylevel slicing without background')
```


Enter the lowest threshold value:120

Enter the highest threshold value: 255

orginal image

graylevel slicing with background

graylevel slicing without background