brightness=zeros(1,183);

videoPlayer=VideoReader('C:\Users\User\Desktop\Spring\DSP\Project 1\I6+.MOV');

fprintf('Brightness values are \n');

for i = 1:183

frame = read(videoPlayer, i); % frame-by-frame reading

redPlane = frame(:,:,1); %

brightness(i) = sum(sum(redPlane)) / (size(frame, 1) \* size(frame, 2));

end