IMAGE PROCESSING: ENHANCE YOUR IMAGES 01

We see CCTV's and surveillance cameras almost everywhere these days so do you have any clue what exactly they do? They record a whole lot of photo frames and that becomes a video and they have to store all these video transactions across several days so storage can be a problem and hence the video quality is very very less, if you want if you want to store one weeks happenings in your hard disc then the quality will be very less, the quality is high you can only store one days worth transactions so the point is images captured by the surveillance cameras are generally very very low in quality so low that whenever there is a crime it might even be difficult for you to detect by surveillance cameras some of the minute details but you can indeed use your expertise in programming to take those video frames analysing video can be difficult so let us limit our discussion to photos so assume you capture a picture and the picture is of low quality so low that you have no clue what exactly are the minute details in the picture for example you are probably seeing me if you take a picture of mine you probably wouldn't know what exactly is this symbol here on my shirt right? can you use programming to enhance an image so much so that the lesser details get enhanced and are visible as you can see such a enhancement would be a great use for forensic experts especially in a situations where there is crime and you have captured some pictures let's say through surveillance cameras and the qualities very low. How do you enhance them? Let us see a couple of situations and let us tell you we are gonna tell you how exactly to enhance the images so much so that picture make much much better sense then what it did previously.