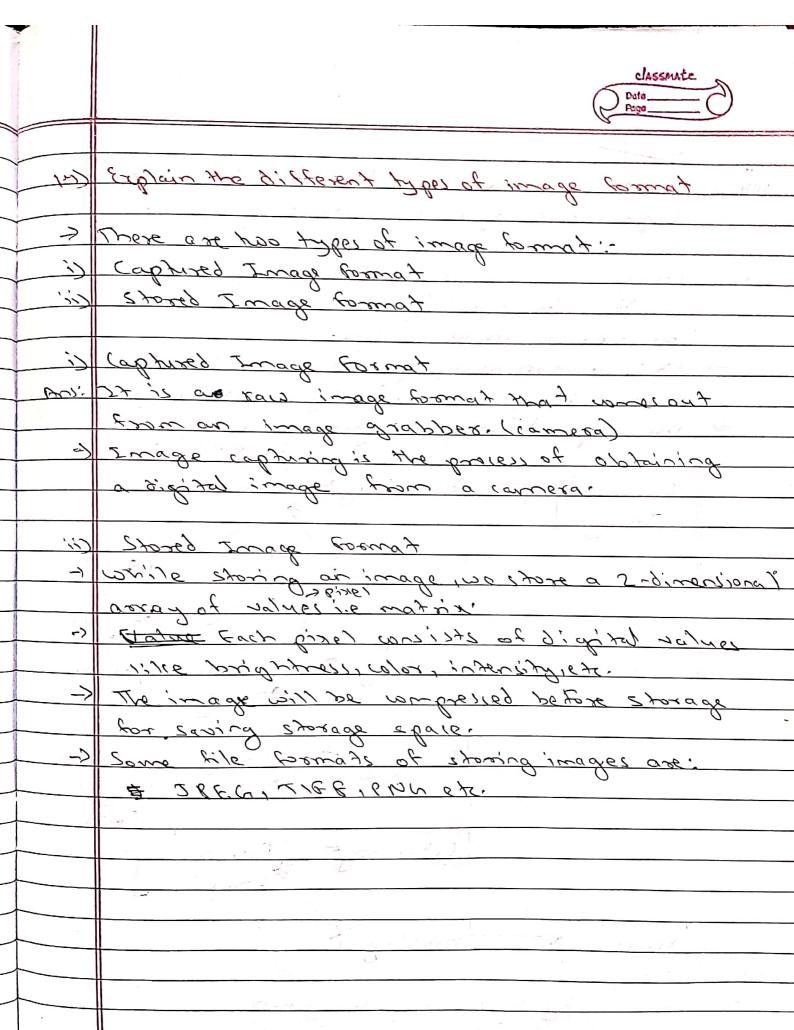
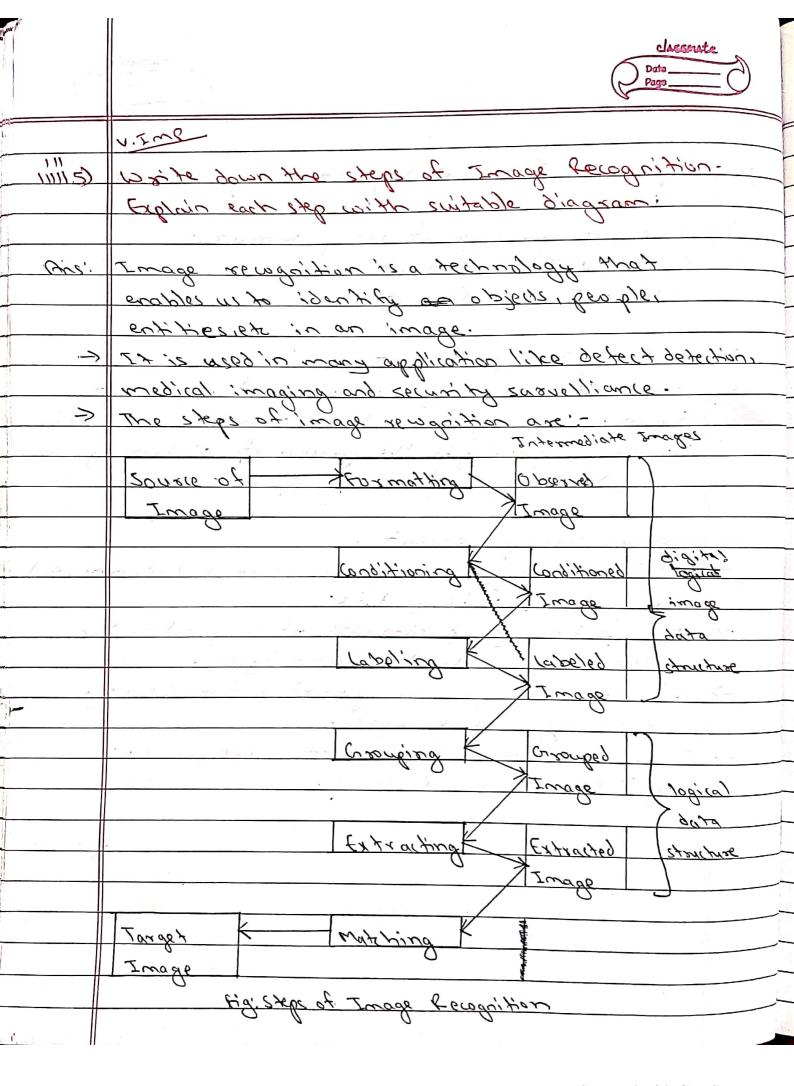
Prepared By Abhiyan Dev Rimal https://github.com/abhirimal/be-software-notes



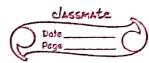
	(napter=3 (10)
	I mades and corabbics
	Cation image a Cornina d'adit image land
	Debine image. (explain d'ajtal image tou)
	En judde is a rind selecter sation of something.
->	I mages can be collected by d'ighted compras or
	created ving software.
->	There images can take found propodeaby ideaby icriex.
X	
2)	what go don wow ph gidifal imade;
	Digital image is a binary representation of
->	It can be represented as 2 d'invarional matrix of
1	Pirel. Le I (x) Cy)
->	Fact pine ladigite of string latine of one or
	more bir. The digital salve may represent
	bightness, color, intensity, etc.
-)	The digital mage can be stored on any storage
=	96 n; (C).
→	
-	The absortage of digital image is that it can
	pe besieges in word modified combaster idition.
7	Le l'is esterior et moder are ilédibioique.

- 18 ₁	
\ 2\	Mail is image with a self in a subject of them)
	Non is imade rebused in ombasex edizus
~>	Toward of it follows and at hoose appear.
,	Images need to be cornerted into sincery in
	order bx a computer to process them so that
>	Lines is a line of the state of
1,	Since inage is a binon representation of visual
	datagit can be represented as 2 dimension
7	Fach vival cocite of 2:000
	more sits.
\rightarrow	
	utensity ex.
	a contrat de la
4. A	Crenerally, each pinel stores or color.
	conquerca can work in work cas entugues
→	copos are willian of colors car po sebrescups
	as a combination of only 3 primary whomes
	269, plue and diece. (EUB moge)
	Each pixel stores 3-alives corresponding to the
100	amount of early color.
~)	Each color lan det refre popular of so 520.
	where 0 is white & 256 is black.
1 J	Francisco Don Contrato Tar Charles of I garage
1	
ſ	





	Page
	There are 6 steps of image recognition:
	Derengthis Entremed Ci
	ii) contitioning u) Extracting
	in) labeling in matching
<i></i>	Exercatting
13	It refers to captuing as image from a cornera
	and principal serification of signiful form.
->	is generating a digital representation of or image
	in the form of pinels.
Lii _	Conditioning
1	The image wally contains some unwanted
	variations that makes the recognition process
	difficult and complex.
->	beforing is the process in which such unwanted
	ray tothe as personed or supported so that they
	go not pare influence ones the secolistion bescots.
Ciii _	labeling
->	Informative bayyears in on made part years your made
<u>-></u>	Egde geperfied is on exambre of lapplied in reprice
	the soundary of the object of interest is
	go servineg.
<u></u>	Curanting
\rightarrow	Crowing implies according the fixes of the eggs
and the second	so that they produce some meaningful shape and



		Paga
7		
	->_	The edges may be grouped into lives, were may be
		dealleg = ye com necle de and offer zyentprise.
	(0	Extracting
		Entraction is the a process in which the data
	,	and attibutes related to the images are
	_	calculated.
	Çi	Extending Natching
		Enally conce the pixels in the image have been
1		deorbeg jujo opiliti the first statisto recodiise
		the objection the image.
	->	Matching involves comparing each object in the
		image with previously stored models.
-		
	6)	Explain different image tearmission possibilities.
		I mage transmission is the process of transmission
1		of digital images through ungger reports.
-	->	Requirements on no tworks when images are teanwitted:
1		1) The return must accompante bursty data transport
+		3) Reliable transport.
+		
+	7	Image transmission possibilités
+		Dean image data transmission
+		Aransmission of image person compression.
+		2) Compressed image data transmission
1		Is transmission of image at ter compression.
	9	

17)	what is image processing rexplain the various
	abblication areas of imade brocecura.
Hall:	Inage processing is a nethod to gextorm some
-	operations on an image, in order to get an
	useful information from it.
	The applications of image prosessing one:
30	medical Image Cetrieval (modical Gold).
	I nage processing is used in medical research.
→	It is used for various tasks like X-Ray Imaging,
=	Concer Cell inage processing sets.
Cii-	Image Reconstruction
	That proceeding can be used to recover and fill
et no c	in the missing or coursely faits of animage.
	Contract of the state of the st
	One of the most common application of image
2	proversing we use today is face to tection.
	Rattern Recognition
->	inour tho prit of pain si prisessay sport
	parterns in an image.
	It is used extensively in Al and machine
t.	

		Classonate Date
T	1	
T	\ 	Eltering Trages on Social media
T	->	It is popular these days.
1	(iv	Starfering the image
	Liie	Video Processing
-	,	
	157	Trage Enhancement
L	Pasi.	The process of improving the quality of a
		Dichtally chose image by manifolding it with
	-	software is known as image enhancement.
	->	It is done for better analysis of image-
L	->	It may be sensing the roise or importing
		The contrast
L	->	It is quite easy.
		to o example: To make an image lighter or
		garler juicease or geckase image contrast.
_	<i>→</i>	Advance enhancement software supports many
_		Elters for aftering images in various ways.
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k		