Histogram Specification.

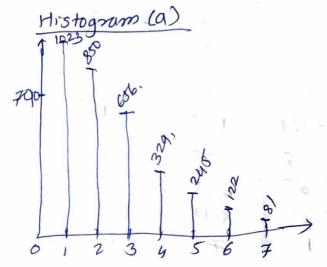
Gren histogram (a) & (b), modify histogram a' a' as given by histogram 161.

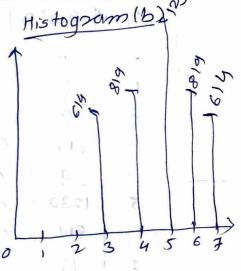
Histogram (a)

Gray level	0	1	2	1 2	1 /	-		171
				3	9	3	6	1 7
No. of pixels	790	1023	850	656	329	245	122	81

Histogram (b)

Gray level	0	1	12	3	4	5	6	7
No. of pixels	0	0	0	614	819	1236	819	614





step I > Equalize both histogram 'a' & 16)

Histogram (a) Equalization

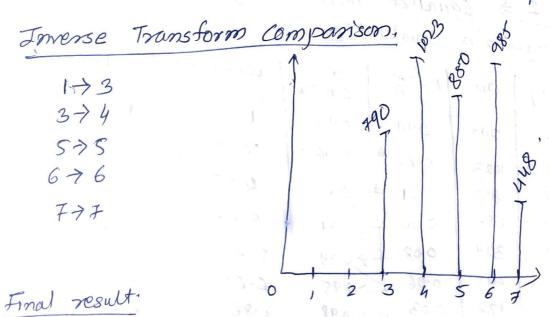
Gray	nk	P= mk	CDF = Epolox	CDF*(L-1)	Rounding of
	790	0.19	, 0.19	1.33	1 1
0		1	>,0.44	3.08	3
2	1023 850	0.21	->0.65	4.55	5
3	656	0.16	70.81	5.67	67
4	329	0.08	>0.89	6.23	6)
5	245	0.06	20.95	6.65	7 7
6	122	0.03	70.98	6.86	76
F	81	0.02		7	7
N=	4096				

OrP histogram (a)

		-	-
	Gray	Fream	1
	0	0	1
)	790	
	2	1000	
	3	850 1023	4
	4	. 0	
1	5	.850	1
1	6	656+329 = 985	
	7	245+122+81	

Equalization of histogram 'b'

1.5		1 1 1 1 1 1	geri	E15 1 713	1 2 13	Round off
	Griy le	reli Frequ	DK BO(NC)	CDF	CDF* L-1	Rourie
		1 5		10	0 6	con One
	0	0	10 /	120	D	0
	2	0	10 4	1,0	0	0
	3	Cer	0.149 2	V	1.05	
		614			10,	3
	(4)	819	0.20	0.35	2:45	
	(5)	1230	0.30	0.65	4:55	3
	6	819	0.26	0.85	5.97	6
	7	614	0.15)	7	7
	N.	4096.	Car spr	tzid it		
					J. 32 1/20	1 2 6



Gray levels	0	1	2	3	4	5	6	7
No of pixels	0	0	0	790	1023	850	985	448