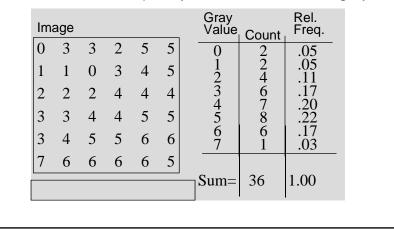


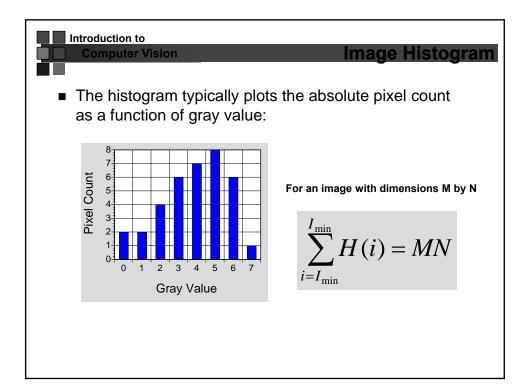


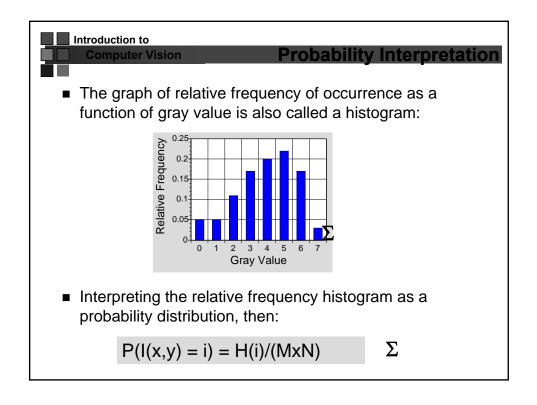
• The image shows the spatial distribution of gray values.

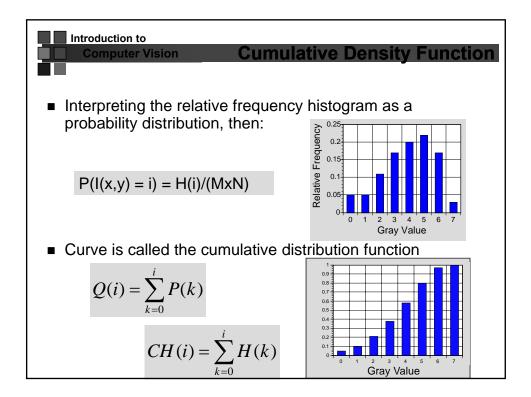
 The image histogram discards the spatial information and shows the relative frequency of occurrence of the gray values.

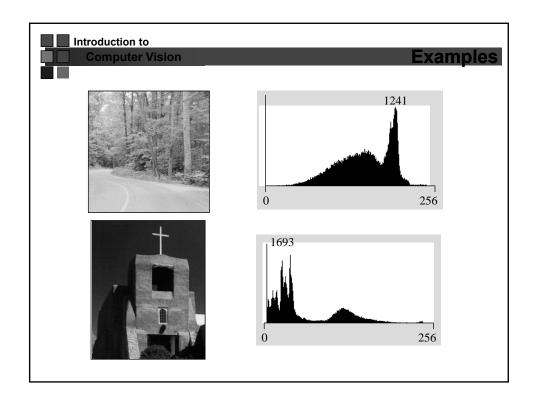
Histograms

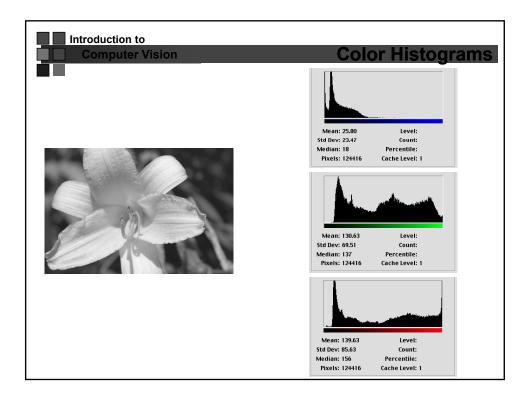


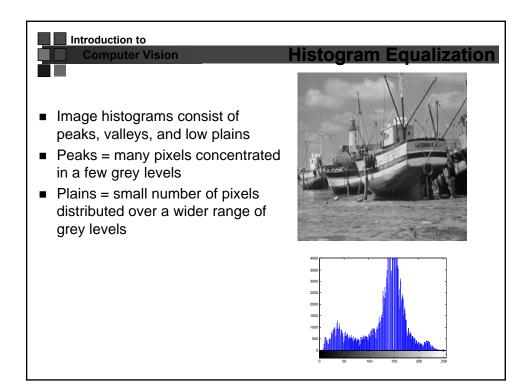


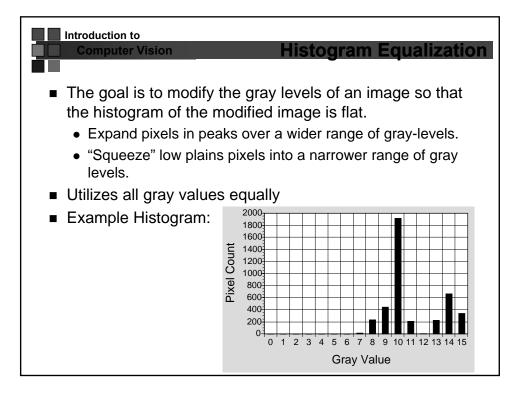


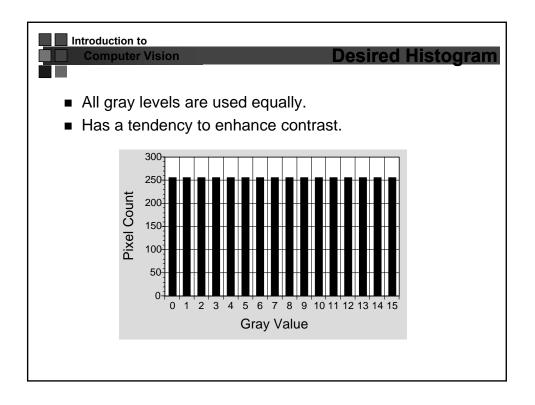












Computer Vision				Brute Force
Gray Scale	Actual Count	Desired Count	How to get it	How are the gray levels in the original image changed
0	0	256	22 from 7, 234 from 8	to produce the enhanced
1	0	256	1 from 8, 255 from 9	
2	0	256	195 from 9, 61 from 10	image?
3	0	256	256 from 10	Method 1. Choose
4	0	256	256 from 10	
5	0	256	256 from 10	points randomly.
6	0	256	256 from 10	
7	22	256	256 from 10	Method 2. Choice
8	235	256	256 from 10	depends on the gray
9	450	256	256 from 10	levels of their
10	1920	256	67 from 10, 189 from 11	neighboring points.
11	212	256	23 from 11, 10 from 12, 223 from 13	5 51
12	10	256	10 from 13, 246 from 14	Computationally expensive
13	233	256	256 from 14	Computationally expensive
14	672	256	170 from 14, 86 from 15	
15	342	256	256 from 15	Approximations.
Sum	4096	4096		

