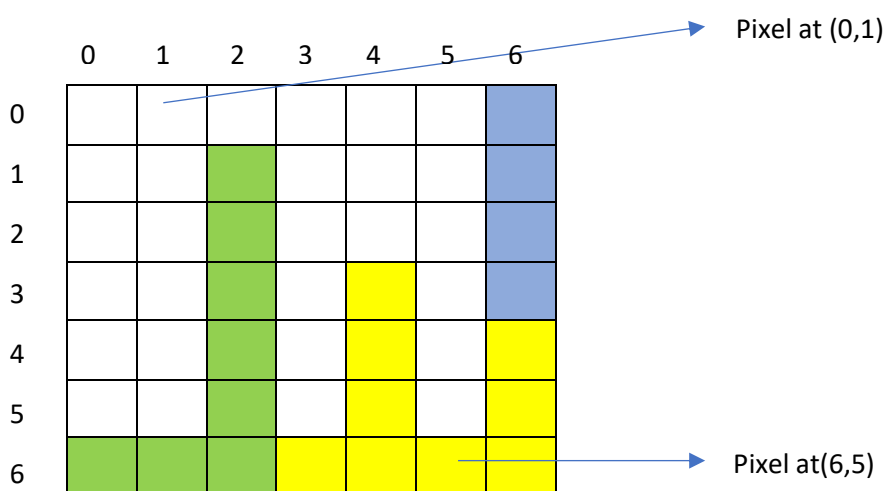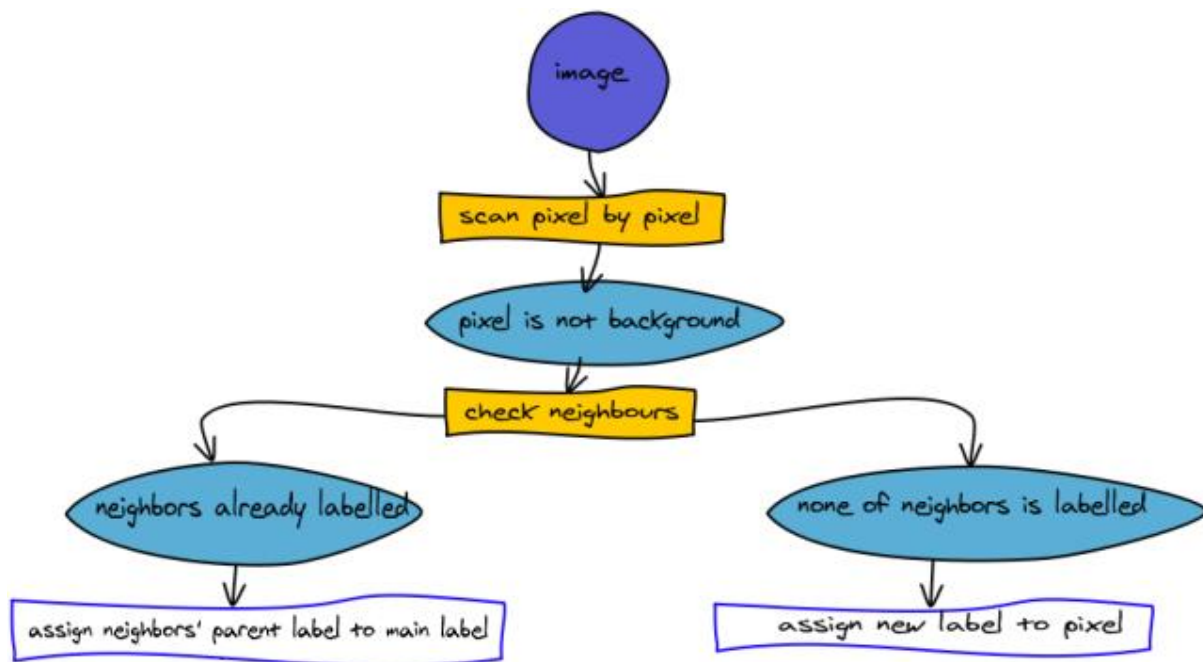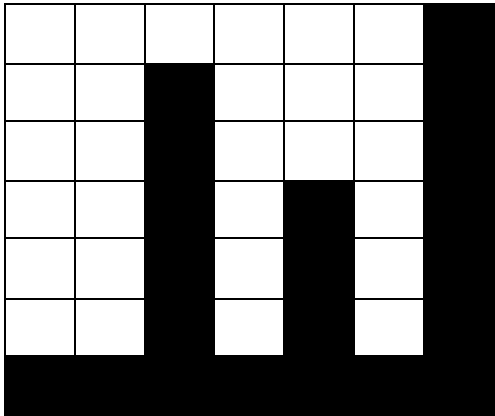# CONNECTED COMPONENT OF AN IMAGE

An image is formed by collections of pixels. Each pixel is a square block consist of only one colour associated to it. This colour is represented as a intensity value for the calculation in the digital form, So image can be considered as the arrays of array consisting numbers.
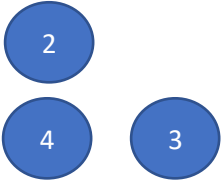

Pixel at (0,1)

Pixel at(6,5)

0	0	0	0	0	0	1
0	0	2	0	0	0	1
0	0	2	0	0	0	1
0	0	2	0	3	0	1
0	0	2	0	3	0	1
0	0	2	0	3	0	1
4	4	2	2	2	2	1

1	2	3	4

0	0	0	0	0	0	1
0	0	1	0	0	0	1
0	0	1	0	0	0	1
0	0	1	0	1	0	1
0	0	1	0	1	0	1
0	0	1	0	1	0	1
1	1	1	1	1	1	1