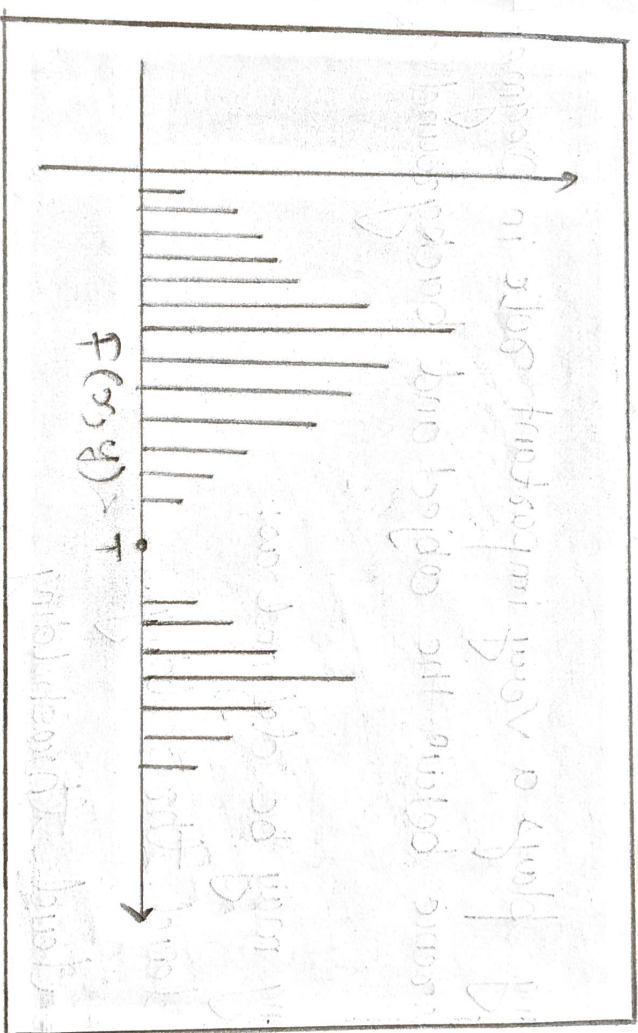


One group near the zero point of histogram showing dark background and one group near the maximum point of histogram showing light object.



### Single Level Thresholding.

So, at any point  $(x, y)$ , if

$F(x, y) > T$ , it is called object,

$F(x, y) < T$ , it is called background.

This is called single-level thresholding because we have separated information of an image by single threshold.