

University of Punjab

Name : Zeeshan Ahmad
 Roll No: BIT 21023
 class : BSIT (Morning)
 subject: CV (segmentation)

A. No.1.

Grayscale image

Image : [0, 0, 1, 1, 2, 2, 3, 3, 4, 4, 5]

so the histogram is

| | | | | | | |
|-----------------|---|---|---|---|---|---|
| Pixel value | 0 | 1 | 2 | 3 | 4 | 5 |
| Frequency P_i | 2 | 2 | 2 | 2 | 2 | 1 |

Calculating Threshold
using otsu method.

Given Data:

Pixel Value : [0, 1, 2, 3, 4, 5]

Frequency : [2, 2, 2, 2, 2, 1]