

Experiment # 3

AIM: Study the of Relationships between Pixels and transformation of an image

Tasks

- I. Display 4-point neighbor, 8-point neighbor and diagonal neighbor in a given image. You may first consider small matrix size by generation 5x5 matrix, later any gray scale image.
- II. Apply scaling (0.5, 2,3) and rotation (45,60), on a given image.