**Assignment3**

**Question 1:-**

Given the gradient values in x and y directions for a 3\*3 window of an image as shown in below, compute the autocorrelation matrix used in harris’s conrner detector.

**Question 2:-**

For each of the following diagonalized autocorrelation matrix, compute harris’s cornerness scores and determine whether there is a corner, vertical edge, horizontal edge, or none of them existing. Consider the threshold for corner response to be 10.

,, ,