**Assignment 3: Assignment on Morphology**

Your task is to generate the “image we want” from the given image. You have to find out yourself which structuring element along with its dimension is needed to generate the output image. The given image is generated by using the following matrix:

[0 0 0 0 0 0 0;

0 0 0 0 0 0 0;

0 0 1 0 1 0 0;

0 0 1 0 1 0 0;

0 0 1 1 1 0 0;

0 0 0 0 0 0 0;

0 0 0 0 0 0 0];

