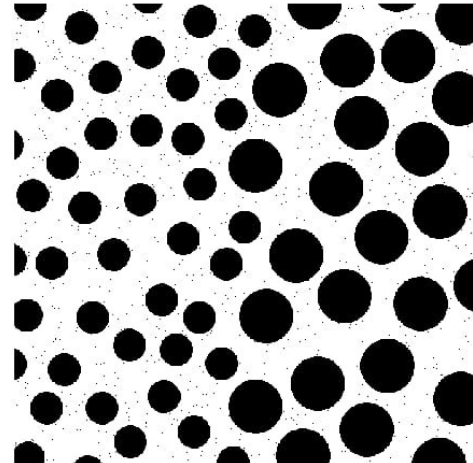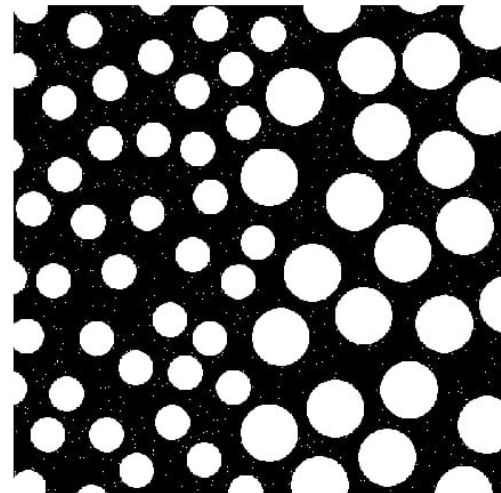# Assignment 4
Parul Shandilya

```
close all;
I=imread('Blobs.jpg');
%Original image
figure, imshow(I);
% Converting to binary image
Im=im2bw(I);
%Binary Image
figure, imshow(Im);
%Negative
Im=1-Im;
figure,imshow(Im);
%mask of disk
SE = strel('disk',22,6);
%eroding the inverted image with disk
image = imerode(Im,SE);
%Dialating
imagel = imdilate(image,SE);
%Large Circle
figure, imshow(imagel);
%for small circle subtracting large circle image from original
image1 = imsubtract(Im,imagel);
%Removing Noise for small circle
SE1 = strel('disk',2,0);
image1=imerode(image1,SE1);
imagel = imdilate(image1,SE1);
figure,imshow(image1);
```
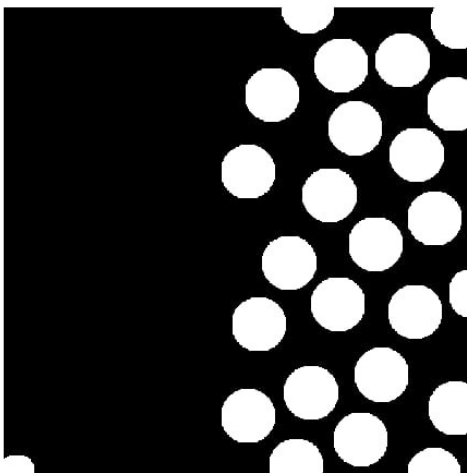
Binary Image

Inverted Image

Large Blobs

Small Blobs