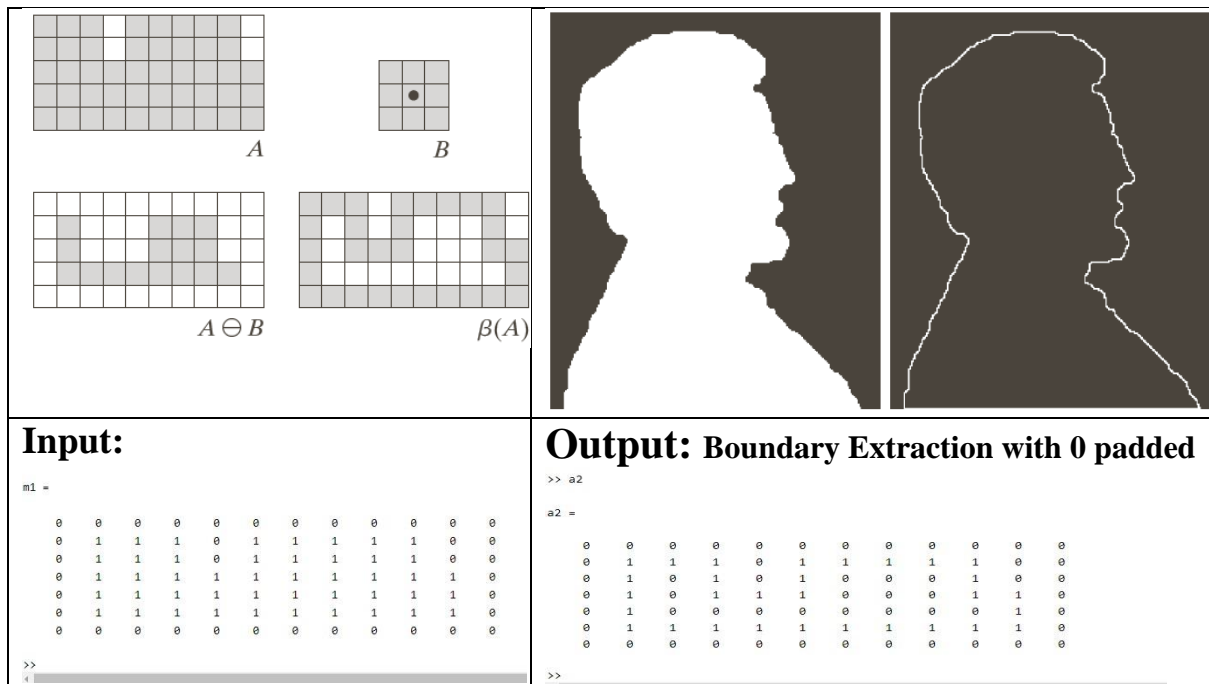
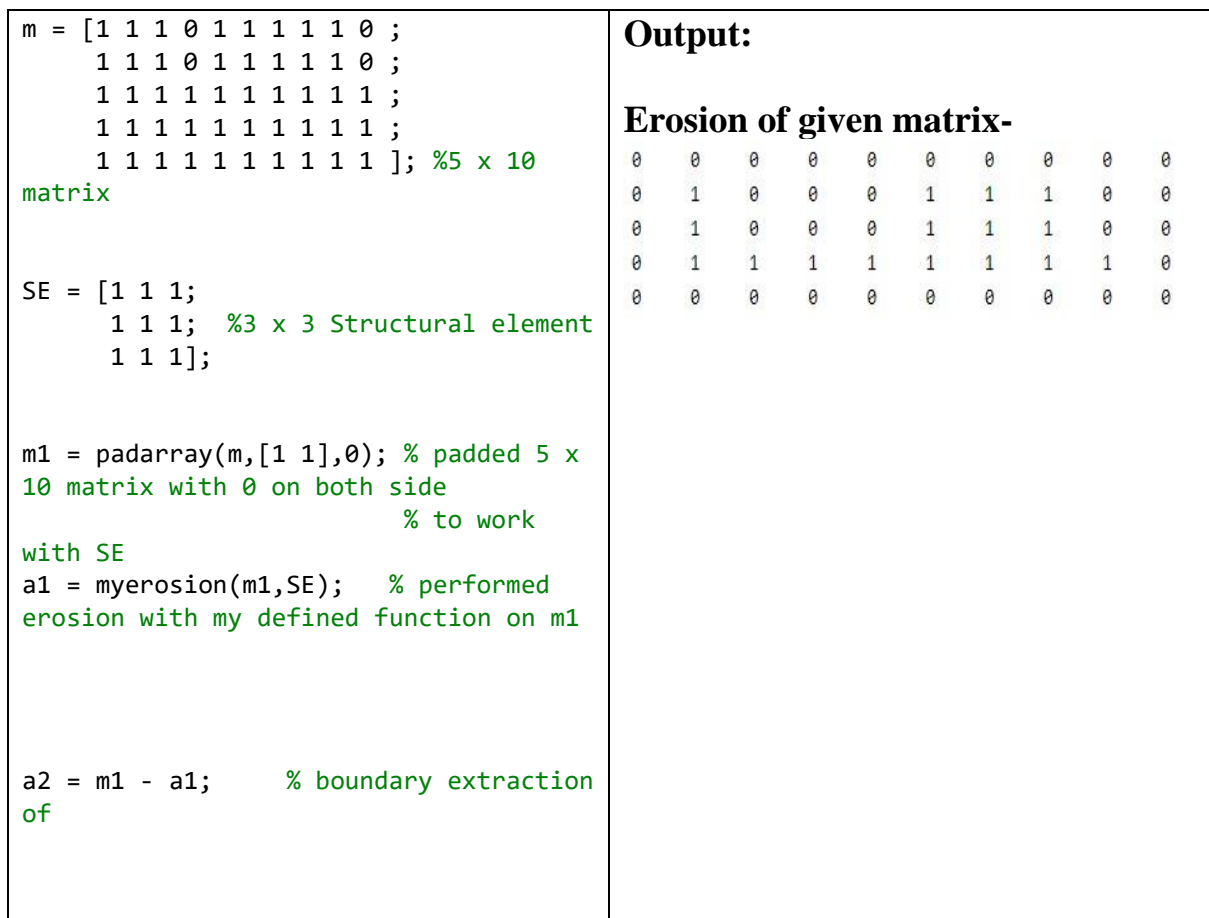


. Implement boundary extraction as shown in Fig 9.13 and 9.14.



**4(a):**



**4(b):**

```
A = imread("Fig_9.14.tif");
```

```
SE= [ 1 1 1 1 1;  
      1 1 1 1 1;  
      1 1 1 1 1;  
      1 1 1 1 1;  
      1 1 1 1 1];
```

```
a1 = myerosion(A,SE); %erosion of given  
image using my defined function  
mentioned above
```

```
a2=A-a1;%difference of image and  
erosion of erosion of image
```

```
figure,  
subplot(1,2,1);  
imshow(A);  
title("original image");  
subplot(1,2,2);  
imshow(a2);  
title("Boundary extracted");
```

**OUTPUT:**