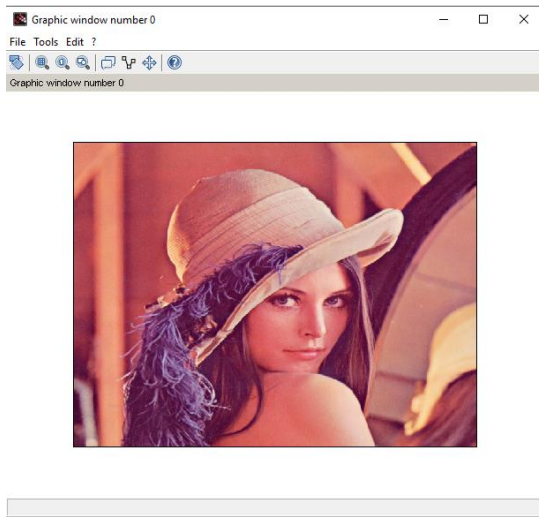


1.CONVERTING GRAY SCALE IMAGE TO BINARY IMAGE

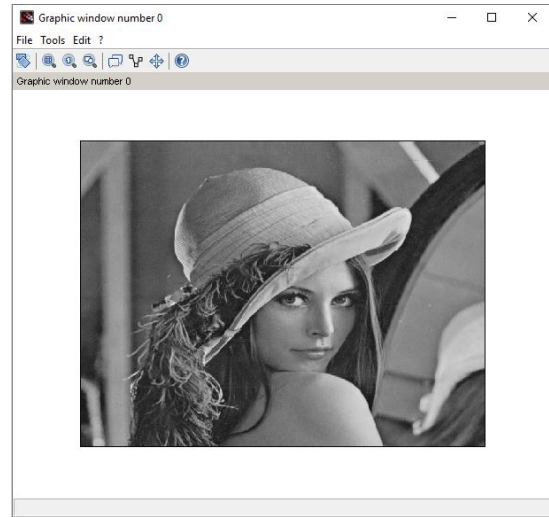
PROGRAM:

```
--> atomsInstall("IPCV");  
--> clc;  
--> close;  
--> disp("convert Gray Scale image to Binary Image");  
  
--> S = imread("lena.jpg");  
--> disp("Display Original Image");  
--> imshow(S);  
  
--> Sgray = rgb2gray(S);  
--> disp("Display gray Image");  
--> imshow(Sgray);  
  
--> Sbin = im2bw(Sgray,0.5);  
--> disp("Display binary Image");  
--> imshow(Sbin);
```

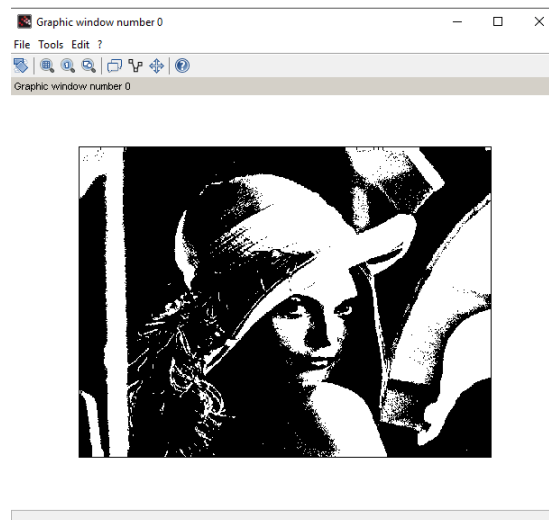
OUTPUT:



(Fig:1) Original Image



(Fig:2) GrayScale Image



(Fig:3) Binary Image