% % % % TO RUN THE 2-D PERCEPTRON DEMO IN MATLAB, <FOR P 4.4> DO THE FOLLOWING:

```
% COPY ALL THE .m FILES INTO A SPECIFIC SUBDIRECTORY, for example C:\5813NN
% Then, after starting Matlab, in the Matlab command window, enter:
cd C:\5813NN
pwd
% It should confirm by showing the path C:\5813NN
Winit = [0 , 0];
binit = 0;
maxepochs = 5;
lastepoch = percepdemo_4_4( Winit , binit, maxepochs);
% Then press the space bar again and again
% to show the successive updates of the decision boundary
% and the orientation of the weight vector
% For the given initial weights and bias,
% Problem 4.4 converges in 3 epochs
%
%
```