**EE 486 Soft Computing**

**Assignment 1 A batch**

1. Write a program for implementing backpropagation for training a single hidden layer backpropagation network with bipolar sigmoidal units to achieve the following two to one mapping:

*Hint*: Set up two sets of data, each consisting of 10 input-output pairs, one for training and the other for testing. The input- output data are obtained by varying input variables, within [-1,+1] randomly.