CSE 566 Homework #1

16 October 2019

Specification

In this homework you will write a computer program that finds S (the most specific hypothesis) and G (the most general hypothesis) from a given training set.

Data Sample Example

First line contains number of training data points (N) in the training set (15 in the example below). Lines from 2 to $N + 1$ contain training samples. Each line consists of (i) first feature value (ii) second feature value (iii) class (0 or 1).

```
15
0.9 0.8 0
0.85 2.1 0
1.2 1.0 0
2.1 0.95 0
3.0 1.1 0
3.9 0.7 0
4.0 1.4 0
4.2 1.8 0
2.0 2.3 0
3.0 2.3 0
1.5 1.8 1
2.0 1.5 1
2.2 2.0 1
2.6 1.7 1
2.7 1.85 1
```

Due To

23 October 2019