

Theoretical Machine Learning - COS 511

Homework Assignment 2

Due Date: in class, two weeks from lesson 7

- (1) Consulting other students from this course is allowed. In this case - clearly state whom you consulted with for each problem separately.**
- (2) Searching the internet or literature for solutions, other than the course lecture notes and reference books, is NOT allowed.**

The **gimetric value** of a word is computed as follows: the first ten letters are assigned each a value according to their alphabetical order (i.e. $c = 3$ and $j = 10$). The next ten letters, starting with j , are assigned a multiple of ten according to their position, i.e. $m = 40$. The next ten letters multiples of 100 and so on.

Ex. 1-3:

Compute the gimetric value of your first name, write down this computation in your exercise. If it is odd, do exercises 1,3,5 in chapter 2. Else, exercises 2,4,6 in chapter 2.

Ex. 4-6:

Exercises 2,3 in chapter 3.