Assignment 2 Due Date - 8th October 10 marks

Use the same Movielens dataset 1 (the 100K dataset) as you did in the first assignment

Q1. Read the associated paper. You have to use the user and item metadata to formulate collaborative filtering as a classification problem.

Results need to be shown on the following classifiers –

1. Extreme Learning Machine (ELM)
2. Support Vector Machine

You have to report the best classification accuracy after the usual five-fold cross validation. Remember, in order to achieve the 'best' results you have to tune the parameters. Marks will be deducted for bad classification accuracies.

Basically you have to fill the following table.

	ELM	SVM
Fold-1		
Fold-2		
Fold-3		
Fold-4		
Fold-5		
Average		

You have to submit the code for ELM and a one page report with configurations used for ELM and SVM to get the results.