CS3233 Homework 2

Due on 5 August 2000 at 9:30am. 140 marks
Topics: Usage of Judges, questions on Numbers and Dynamic Programming

1. Do problem 100 in `http://andy.comp.nus.edu.sg/~cs3233j/`. Submit your answer to the judge [20]

2. Register yourself on the Spanish Online Judge at `http://acm.fi.uva.es/problemset/`. Prepend the prefix `CS3233-00` to your name as your username. For example, if your name is Andrew Lim, your username should be `CS3233-00 Andrew Lim`. [10]

3. **Numbers**
   You are to pick at least three of the following questions from the Spanish Judge. You are to submit your solutions to the Spanish Judge. You will get 10 marks for every right answer on the Spanish Judge up to a maximum of 30 marks. The list of questions is: 106, 107, 113, 128, 136, 138, 153 and 199. [30]

4. **Dynamic Programming**
   You are to pick at least three of the following questions from the Spanish Judge. You are to submit your solutions to the Spanish Judge. You will get 10 marks for every right answer on the Spanish Judge up to a maximum of 30 marks. The list of questions is: 108, 111, 147, 164, 166, 231 and 283. [30]

5. **Written Homework on DP**
   For a sample expectation, please refer to the question on matrix chain multiplication in your lecture notes.

   Each of you are assigned the following questions to do:

`akashkum`	323, 334	`phanthix`	624, 653
`chawshaw`	334, 348	`sujathan`	653, 662
`chenting`	348, 352	`tangwern`	662, 668
`isc07211`	352, 357	`trantuan`	668, 672
`johansya`	357, 430	`trianaku`	672, 707
`jonathan`	430, 435	`wangying`	707, 709
`kohchung`	435, 497	`zhangxin`	709, 714
`liulidan`	497, 531	`zhoujing`	714, 323
`lohyeong`	531, 562	`zhuwenbi`	323, 709
`ouyongji`	562, 624	`zhuyi`	334, 707

   Each question is worth 25 marks. [50]