Computer Engineering Department
Bilkent University

CS533: **Information Retrieval Systems**
Assignment No. 4
March 16, 2012
Due date: April 11, 2012; Wednesday

In this assignment we will cover some of the chapters of the book The *Art* of Doing SCIENCE and Engineering: Learning to Learn by Richard W. Hamming (pdf).

1. We have five groups, in 3 groups there are 4 students and in 2 groups there are 5 students (3x4 + 2x5= total of 22 students).
2. For each presentation we have 10 minutes and it will be followed by a brief Q&A session.
3. There will be a group leader that I determined for each group. This person must coordinate the joint group work.
4. You must prepare a power point presentation and bring a one page handout to the classroom for your classmates.
5. Send me a copy of your presentation in pdf form one day before the presentation day that is on April 10 by 5:00 pm.
6. From each group by random drawing we will pick two students and they will do the presentation.
7. I assigned a number of chapters to each group. Yes! you are assigned different number of chapters and they have different lengths (So we may say "Life's not fair!")
8. Note that you have to present the essential parts (not everything) and your presentation must have a storyline.
9. In the classroom I plan to give a survey for peer evaluation for evaluating your own group members: so please make sure that everybody contributes to the presentation.
10. We will also pick the best presentation with your votes as we did in 5 minute presentations.
11. You cannot miss the presentation day.

Group No. (Click No. for Presentation)	Group members (group leader name is in bold)	Chapter No.: Title
1	**İzzeddin Gür**, Mehmet Güvercin Gündüz Vehbi Demirci, Emir Gülümser	3: History of Computers Hardware 4: History of Computers Software 5: History of Computer Applications
2	**Elif Eser**, Caner Mercan Bahaeddin Eravcı, Emre Yılmaz	6: Artificial Intelligence-I 7: Artificial Intelligence-II 8: Artificial Intelligence-III
3	**Doğan Altunbay**, Mahmut Burak Şenol, Yusuf Aytaş, Fethi Burak Sazoğlu	10: Coding Theory-I 11: Coding Theory-II
4	**Can Çağdaş Cengiz**, Berk Karaoğlu Deniz Kerimoğlu, İsmail Uyanık	12: Error Correcting Codes 13: Information Theory
5	**Melik Berkan Ercan**, Enes Taylan Kemal Eroğlu, Mustafa Gündoğan	27: Unreliable Data 29: You Get What You Measure
6	**Richard W. Hamming**	You and Your Research