Home Work Assignment 1

1. Name: Manas Gaur
2. Student ID: 001262723
3. Major : Computer Science with specialization in Data mining and Bioinformatics
4. Previous Experience : Completed in BS and MS from Delhi Technological University (Formerly Delhi College of Engineering).
5. Computer Background:
   a. Software : Weka, SPSS (Clementine), Rapid-Miner, Eclipse-IDE and OpenCV
   b. Programming Language: R, MATLAB, Java/JavaFX, C/C++, Python and HTML/CSS, JavaScript.
   c. Database : MongoDB, MySQL, MSSQL, Oracle PL/SQL and PostGre.
6. Why taking this course: I am taking this course because, in the previous semester I took Anomalous Pattern Detection course, in which I had several doubts that have links with data mining. So, I hope my doubts gets cleared in this semester.
7. Expectation for this course : Brushing my concepts about Data Mining and have a good project in this semester in data mining.
8. Potential topics for the Project :
   a. Anomalous Pattern Detection in Multivariate Time Series Data in Financial Stock Market.
   b. Anomalous Pattern Detection in multivariate Time Series Twitter data.
   c. Anomalous Pattern Detection in multivariate time series Global events using GDELT database.
   d. Computational Social Science