**-Assignment 4 -**

**1. Deliverables**

             Script file (.sql file) should contains all the commands to create the above tables, sequences, indexes, triggers, procedures and functions when it is executed.

 Note: Create a script to run samples of your functions, procedures and triggers, etc.

**2. Contents of your Database: (to be included in the script file)**

- Tables (data, lookup, audit/log tables)

– Minimum – 5 and Maximum 10. You can think and build these tables according to web application project (COMP229) or as an independent database project if you are not taking course – COMP229 in this term. (3 marks)

- Sequences

- You need to create at least one sequence and use it especially for those tables that are updated (2 marks)

- Indexes

- Search is common functionality performed on tables. You need to create few indexes for those tables where search is performed heavily.( 2 marks)

- Triggers

- For behind the scenes table entry/updating, you need to create at least 2 triggers (2 marks)

- Procedures

-- You need to define at least two procedures so carrying out common operations on database.

                       More info about them can be discussed in the class. ( 4 marks)

- Functions

-- You need to define at least one function so carrying out common operations on database.(2 marks)

            More info about them can be discussed in the class. You must also include a copy of your project on oracle1 with the group schema

 Note: There should be minimum ten records (10 insert statements for data tables) and five records (for reference/lookup type tables). You should be populating your tables with meaningful data.