SQL Training

Assignment 5

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125) Create table emp with only one column empno;

126) Add this column to emp table ename varchar2(20).

127) Oops I forgot give the primary key constraint. Add in now.

128) Now increase the length of ename column to 30 characters.

129) Add salary column to emp table.

130) I want to give a validation saying that salary cannot be greater 10,000
(note: give a name to this constraint)

131) For the time being I have decided that I will not impose this validation. My boss has
agreed to pay more than 10,000.

132) My boss has changed his mind. Now he doesn't want to pay more than
10,000.so revoke that salary constraint.

133) Add column called as mgr to your emp table.

134) Oh! This column should be related to empno. Give a command to add this
constraint.

135) Add deptno column to your emp table.

136) This deptno column should be related to deptno column of dept table;

137) Give the command to add the constraint.

138) Create table called as newemp. Using single command create this table as well as get data into this
table (use create table as);

139) Create table called as newemp. This table should contain only empno,ename,dname.

140) Create a simple view on Employees table on first_name, last_name, job_id, dept_id.

141) Apply any Add/Update/Delete operation on the simple view and verify the View and the base Table
contents.

142) Create a view on Department table with Check option for SALES department.

143) Create a READ ONLY view and verify whether it prevent any write operation.

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144)   Create a Complex view on more than 1 base table on join condition and query the view.

145) Create a Sequence for employee ID primary key column which will automatically generate ids for the employees.

146) Apply the sequence in any of DML query.

147) Create non unique indexes on the non primary key and non unique columns which you frequently access in your queries.

148) Create 2 new users and grant them 2 different roles which contain system and object privileges.

149) Revoke the roles from respective users and verify the access privileges.

150) Display all user defined objects from a data dictionary view.