

DATABASE MANAGEMENT SYSTEMS

LAB ASESSMENT – 1

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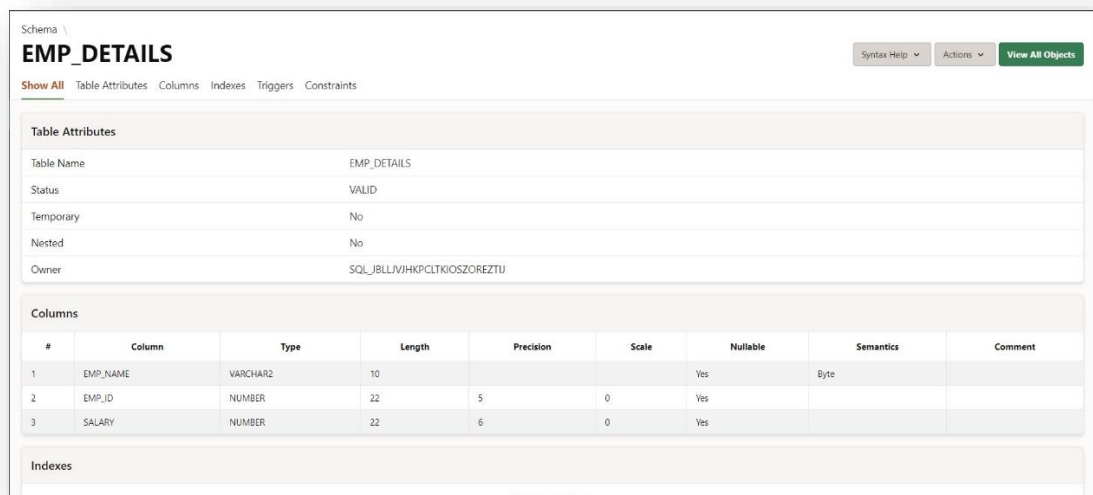
Teacher: Nancy Victor

**Q) create a table employee with attributes emp name, emp id and salary.
Use DDL commands to create and alter the table.**

- 1) create table**
- 2) add a new column year of joining with the datatype as date**
- 3) change the emp id datatype to varchar2.**
- 4) add another column incentive**
- 5) drop the column incentive**
- 6) rename column emp name to e_name**
- 7) rename the table as emp_details**

A) Commands:

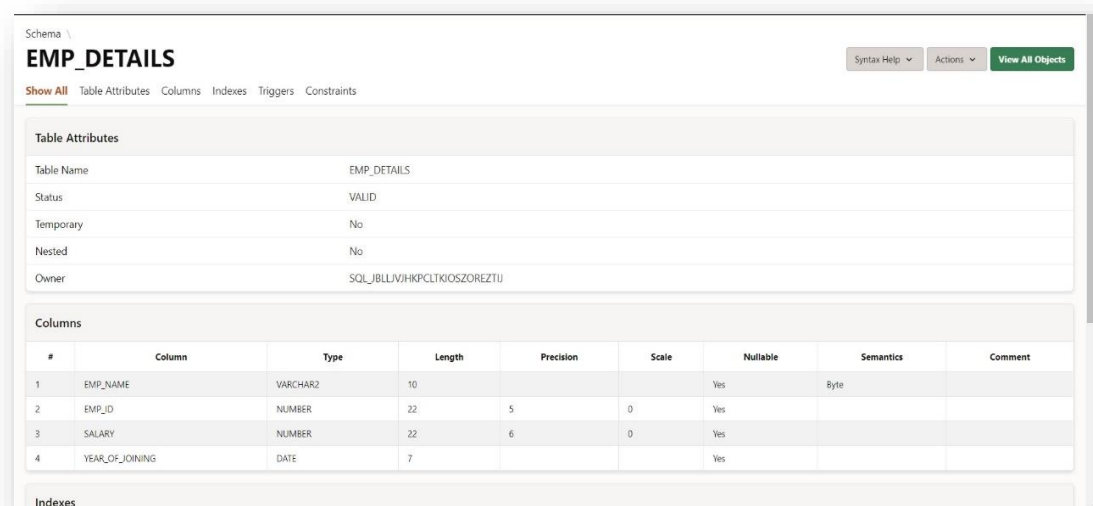
- 1) *create table emp_details(emp_name varchar2(10),emp_id number(5),salary number(6));***



The screenshot displays the 'EMP_DETAILS' table in the 'Schema \ ' database. The 'Table Attributes' section shows the table name, status (VALID), and owner (SQL_JBLJVJHKKPLTKIOSZOREZTU). The 'Columns' section lists three columns: EMP_NAME (VARCHAR2, 10), EMP_ID (NUMBER, 22), and SALARY (NUMBER, 22). The 'Indexes' section indicates that no indexes are defined.

#	Column	Type	Length	Precision	Scale	Nullable	Semantics	Comment
1	EMP_NAME	VARCHAR2	10			Yes	Byte	
2	EMP_ID	NUMBER	22	5	0	Yes		
3	SALARY	NUMBER	22	6	0	Yes		

- 2) *alter table emp_details add year_of_joining date;***



The screenshot displays the 'EMP_DETAILS' table in the 'Schema \ ' database. The 'Table Attributes' section shows the table name, status (VALID), and owner (SQL_JBLJVJHKKPLTKIOSZOREZTU). The 'Columns' section lists four columns: EMP_NAME (VARCHAR2, 10), EMP_ID (NUMBER, 22), SALARY (NUMBER, 22), and YEAR_OF_JOINING (DATE, 7). The 'Indexes' section indicates that no indexes are defined.

#	Column	Type	Length	Precision	Scale	Nullable	Semantics	Comment
1	EMP_NAME	VARCHAR2	10			Yes	Byte	
2	EMP_ID	NUMBER	22	5	0	Yes		
3	SALARY	NUMBER	22	6	0	Yes		
4	YEAR_OF_JOINING	DATE	7			Yes		

3) *alter table emp_details modify (emp_id varchar2(10));*

Schema \ EMP_DETAILS

Syntax Help Actions View All Objects

Show All Table Attributes Columns Indexes Triggers Constraints

Table Attributes

Table Name	EMP_DETAILS
Status	VALID
Temporary	No
Nested	No
Owner	SQL_BLLJVIHKPCLTKIOSZOREZTU

Columns

#	Column	Type	Length	Precision	Scale	Nullable	Semantics	Comment
1	EMP_NAME	VARCHAR2	10			Yes	Byte	
2	EMP_ID	VARCHAR2	10			Yes	Byte	
3	SALARY	NUMBER	22	6	0	Yes		
4	YEAR_OF_JOINING	DATE	7			Yes		

Indexes

4) *alter table emp_details add incentive number(4);*

Schema \ EMP_DETAILS

Syntax Help Actions View All Objects

Show All Table Attributes Columns Indexes Triggers Constraints

Table Attributes

Table Name	EMP_DETAILS
Status	VALID
Temporary	No
Nested	No
Owner	SQL_BLLJVIHKPCLTKIOSZOREZTU

Columns

#	Column	Type	Length	Precision	Scale	Nullable	Semantics	Comment
1	EMP_NAME	VARCHAR2	10			Yes	Byte	
2	EMP_ID	VARCHAR2	10			Yes	Byte	
3	SALARY	NUMBER	22	6	0	Yes		
4	YEAR_OF_JOINING	DATE	7			Yes		
5	INCENTIVE	NUMBER	22	4	0	Yes		

5) *alter table emp_details drop column incentive;*

Schema \ EMP_DETAILS

Syntax Help Actions View All Objects

Show All Table Attributes Columns Indexes Triggers Constraints

Table Attributes

Table Name	EMP_DETAILS
Status	VALID
Temporary	No
Nested	No
Owner	SQL_BLLJVIHKPCLTKIOSZOREZTU

Columns

#	Column	Type	Length	Precision	Scale	Nullable	Semantics	Comment
1	EMP_NAME	VARCHAR2	10			Yes	Byte	
2	EMP_ID	VARCHAR2	10			Yes	Byte	
3	SALARY	NUMBER	22	6	0	Yes		
4	YEAR_OF_JOINING	DATE	7			Yes		

Indexes

6) *alter table emp_details rename column emp_name to e_name;*

Schema \

EMP_DETAILS

Syntax Help Actions View All Objects

Show All Table Attributes Columns Indexes Triggers Constraints

Table Attributes

Table Name	EMP_DETAILS
Status	VALID
Temporary	No
Nested	No
Owner	SQL_JBLLJVJHKPCLTKIOSZOREZTJ

Columns

#	Column	Type	Length	Precision	Scale	Nullable	Semantics	Comment
1	E_NAME	VARCHAR2	10			Yes	Byte	
2	EMP_ID	VARCHAR2	10			Yes	Byte	
3	SALARY	NUMBER	22	6	0	Yes		
4	YEAR_OF_JOINING	DATE	7			Yes		

Indexes

7) *rename emp_details to employee_details;*

Schema \

EMPLOYEE_DETAILS

Syntax Help Actions View All Objects

Show All Table Attributes Columns Indexes Triggers Constraints

Table Attributes

Table Name	EMPLOYEE_DETAILS
Status	VALID
Temporary	No
Nested	No
Owner	SQL_JBLLJVJHKPCLTKIOSZOREZTJ

Columns

#	Column	Type	Length	Precision	Scale	Nullable	Semantics	Comment
1	E_NAME	VARCHAR2	10			Yes	Byte	
2	EMP_ID	VARCHAR2	10			Yes	Byte	
3	SALARY	NUMBER	22	6	0	Yes		
4	YEAR_OF_JOINING	DATE	7			Yes		

Indexes