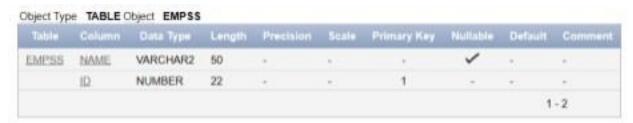
EXP NO: 04 WORKING WITH CONSTRAINTS

DATE: 21.08.2024

Find the Solution for the following:

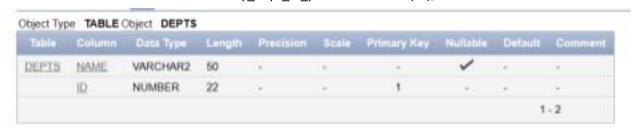
1. Add a table-level PRIMARY KEY constraint to the EMP table on the ID column. The constraint should be named at creation. Name the constraint my emp id pk.

ALTER TABLE EMP ADD CONSTRAINT my emp id pk PRIMARY KEY (ID);



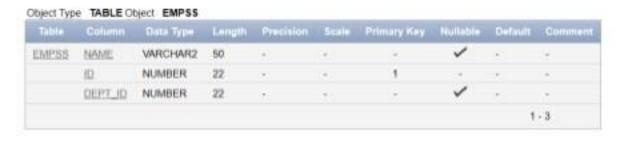
2. Create a PRIMAY KEY constraint to the DEPT table using the ID column. The constraint should be named at creation. Name the constraint my dept id pk.

ALTER TABLE DEPT ADD CONSTRAINT my\_dept\_id\_pk PRIMARY KEY (ID);



3. Add a column DEPT\_ID to the EMP table.

ALTER TABLE EMPSS ADD DEPT\_ID NUMBER;



Add a foreign key reference on the EMP table

that ensures that the employee is not assigned to a nonexistent department. Name the constraint

my\_emp\_dept\_id\_fk.

ALTER TABLE EMPSS

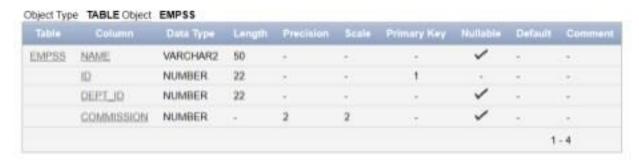
ADD CONSTRAINT my\_emp\_dept\_id\_fk

FOREIGN KEY (DEPT\_ID)

REFERENCES DEPTS(ID);

4. Modify the EMP table. Add a COMMISSION column of NUMBER data type, precision 2, scale 2. Add a constraint to the commission column that ensures that a commission value is greater than zero.

ALTER TABLE EMP ADD COMMISSION NUMBER(2,2);



ALTER TABLE EMP ADD CONSTRAINT chk\_commission\_positive CHECK (COMMISSION > 0);

