#### ADVANCED DBMS LAB

**Experiment No.: 3** 

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**Roll No: 46** 

Batch: B

Date: 01-04-2022

#### Aim

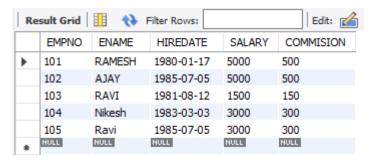
To familiarize DDL Commands- ALTER, DROP, TRUNCATE, RENAME

### **Commands**

1. Create a table emp with attributes empno number(4)as primary key, ename char(10), hiredate, salary, commission and insert values.

CREATE TABLE EMP (EMPNO INT (4) PRIMARY KEY, ENAME CHAR (10), HIREDATE DATE, SALARY INT (5), COMMISION INT (5));

INSERT INTO EMP (EMPNO, ENAME, HIREDATE, SALARY, COMMISION) VALUES(101, 'RAMESH', '1980-01-17', 5000, 500), (102, 'AJAY', '1985-07-05', 5000, 500), (103, 'RAVI', '1981-08-12', 1500, 150), (104, 'Nikesh', '1983-03-03', 3000, 300), (105, 'Ravi', '1985-07-05', 3000, 300);



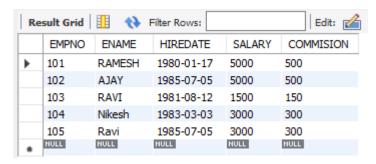
- 2. Modifying the structure of tables
- a) Add new columns: sal number

ALTER TABLE EMP ADD SAL INT:



## b) Dropping a column from a table: sal

ALTER TABLE EMP DROP COLUMN SAL;



#### c) Modifying existing column :ename varchar2(15)

ALTER TABLE EMP MODIFY ename VARCHAR(15);

#### d) Renaming the tables: emp to emp1

RENAME TABLE EMP to EMP1;

## e) Truncating the tables:emp1

TRUNCATE TABLE EMP1;



## f) Destroying tables:emp

DROP TABLE EMP1;

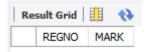
## 3. Create a table stud with sname varchar2(20) primary key, rollno number(10) not null,dob date not null

CREATE TABLE STUD(SNAME VARCHAR(20) PRIMARY KEY, ROLLNO INT NOT NULL, DOB DATE NOT NULL);



# 4. Create a table student as regno number (6), mark number (3) check constraint (mark >=0 and mark <=100));

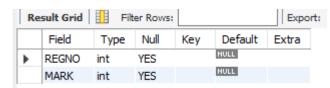
CREATE TABLE STUDENT (REGNO INT, MARK INT(3) CONSTRAINT B CHECK (MARK >=0 AND MARK <=100));



## In table student add check constraint(length(regno<=4))

ALTER TABLE STUDENT ADD CONSTRAINT B2 CHECK (length(REGNO<=4));

#### DESC student;



## 5. Create a table cust with (custid number (6) constraint unique, name char (10)

CREATE TABLE CUST(CUSTID INT(6) NOT NULL UNIQUE, NAME CHAR(10));