

DBMS LAB ASSIG 2

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--Q.Create a employee table:-

CREATE TABLE employee

(

emp\_id INTEGER NOT NULL,

f\_name VARCHAR(20),

l\_name VARCHAR(20),

jobtype VARCHAR(20),

salary INTEGER,

commision INTEGER,

dept VARCHAR(20),

manager\_id INTEGER,

PRIMARY KEY(emp\_id),

doj VARCHAR(20)

);

INSERT INTO

employee(emp\_id,f\_name,l\_name,jobtype,salary,dept,doj)

values(1, 'arun' , 'khan' , 'manager' ,90000, 'production' ,'1998-01-04');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,doj)

values(2 ,'barun','kumar','manager',80000,'marketing','1998-02-09');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,manager\_id,doj) values(3 ,

'chitra','kapoor','engineer',60000,'production',1,'1998-01-0

8');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,manager\_id,doj)

values(4 ,'dheeraj','mishra','manager',75000,'sales',2,'2001-12-27');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,manager\_id,doj) values(5 ,

'emma','dutt','engineer',55000,'production',1,'2002-03-20');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,doj) values(6 ,

'floki','dutt','accountant',70000,'accounts','2000-07-16');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,manager\_id,doj) values(7 ,

'dheeraj','kumar','clerk',40000,'accounts',6,'2016-07-01');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,doj) values(8 ,

'saul','good','engineer',60000,'r&d','2014-09-06');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,manager\_id,doj) values(9 ,

'mou','bhatt','clerk',30000,'sales',4,'2018-03-08');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,commision,dept,manager\_id,doj)

values(10 ,'sunny','deol','salesman',20000,10000,'marketing'

,2,'2001-03-31');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,dept,manager\_id,doj) values(11,

'bobby','deol','engineer',35000,'r&d',8,'2017-10-17');

INSERT INTO employee(emp\_id ,

f\_name,l\_name,jobtype,salary,commision,dept,manager\_id,doj)

values(12,

'amir','khan','salesman',15000,5000,'marketing',2,'2013-01-1

1');

select \* from employee;

--Q.3

--Q.Create a Department table:-

CREATE TABLE department

(

d\_name varchar(20),

d\_loc varchar(20),

hod\_id INTEGER NOT NULL

);

INSERT INTO department VALUES('sales','kol',4);

INSERT INTO department VALUES('accounts','delhi',6);

INSERT INTO department VALUES('production','kol',1);

INSERT INTO department VALUES('marketing','kol',2);

INSERT INTO department VALUES('R&D','delhi',8);

select \* from department;

--Q.Q4

--Q.Create a location table:-

CREATE TABLE location

(

loc\_id INT NOT NULL,

city VARCHAR(20),

contact\_no VARCHAR(10),

primary key(loc\_id)

);

ALTER TABLE location

DROP COLUMN contact\_no;

INSERT INTO location(loc\_id,city) VALUES(1,'kolkata');

INSERT INTO location(loc\_id, city) VALUES(2,'mumbai');

SELECT \* from location;

--Q.30

select dept from employee;

--Q.31

select distinct dept from employee;

--Q.32

select \* from employee where salary>50000;

--Q.33

select emp\_id from employee where manager\_id<>1;

--Q.34

select \* from employee where salary>=40000 AND salary<=

70000;

--Q.35

select \* from employee where manager\_id=1 or manager\_id=6 or

manager\_id=8;

--Q.36

select f\_name,salary from employee where l\_name='khan';

--Q.37

select f\_name,salary from employee where l\_name LIKE 'k%';

--Q.38

select f\_name,l\_name,salary from employee where l\_name LIKE

'k%r';

--Q.39

select \* from employee where l\_name LIKE '%o\_\_';

--Q.40

select \* from employee where manager\_id IS NULL;

--Q.41

select \* from employee where jobtype='engineer' AND

salary>50000;

--Q.42

select \* from employee where dept='production' AND

salary>60000;

--Q.43

select \* from employee where jobtype<>'manager' AND

jobtype<>'engineer' AND jobtype<>'clerk';

--Q.44

select \* from employee where salary>49000 OR salary<29000;

--Q.45

select \* from employee where l\_name NOT LIKE "%o\_";

--Q.46

select \* from employee where commision IS NOT NULL;

--Q.47

select SYSDATE();

--Q.48

select datediff(sysdate(),doj)/7 from employee;

--Q.49

select \* from employee where emp\_id=2;

--Q.50

DELETE from employee where dept='sales' AND

jobtype<>'manager';

select \* from employee;

--Q.51

INSERT INTO

employee(f\_name,l\_name,jobtype,salary,commision,manager\_id,d

oj)

VALUES('anand','patil','engineer',28000,2000,1,"2017-01-31")

;

INSERT INTO

employee(f\_name,l\_name,jobtype,salary,commision,manager\_id,d

oj)

VALUES('anandi','patel','clerk',12000,500,1,"2017-04-01");

--Q.52

INSERT INTO department(d\_name,d\_loc,hod\_id)

VALUES('Admin','Mumbai',5);

INSERT INTO department(d\_name,d\_loc,hod\_id)

VALUES('Transport','Mumbai',3);

--Q.53

UPDATE employee

set dept='admin'

where f\_name='anand';

--Q.54

UPDATE employee

set manager\_id=1

where manager\_id=2;

--Q.55

select \* from employee

order by salary desc;

--Q.56

select \* from employee

order by l\_name;

--Q.57

delete from employee

where jobtype='salesman' and datediff(sysdate(),doj)/365

< 15;

--Q.58

commit;

OUTPUTS:-















