CREATE TABLE LOCATION\_DTLS28

( LOCATIONID NUMBER(4,0) Primary key,

CITY VARCHAR2(50)

);w

desc location\_dtls28;

insert into location\_dtls28

values(1,'PUNE');

insert into location\_dtls28

values(2,'Mumbai');

insert into location\_dtls28

values(3,'Banbglore');

CREATE TABLE DEPT28

( DEPARTMENT\_ID NUMBER(4,0),

DEPARTMENT\_NAME VARCHAR2(30) NOT NULL ENABLE,

LOCATIONID NUMBER(4,0),

CONSTRAINT PK\_DEPTD PRIMARY KEY (DEPARTMENT\_ID),

CONSTRAINT FK\_LOCID FOREIGN KEY(LOCATIONID) references LOCATION\_DTLS(LOCATIONID)

) ;

insert into dept28

values(1,'Google project',2);

insert into dept28

values(22,'HR',1);

insert into dept28

values(33,'IBM project',2);

insert into dept28

values(11,'Peoples',null);

create table emp28(

empid number(5),

empname varchar2(20),

emailid varchar2(30) unique, -- column level

gender varchar2(1) check(gender in ('M','F')), --user defined constraint

phone\_number varchar2(15),

hiredate Date DEFAULT '01-JAN-22',

DEPARTMENT\_ID number(5),

constraint emp\_ipk Primary key(empid),

constraint dept\_ifk foreign key (DEPARTMENT\_ID) references dept28(DEPARTMENT\_ID)

);

select \* from user\_Tables; -- available tables

select \* from user\_objects;

select \* from user\_cons\_columns

where table\_name='EMP28'; -- case sensi

alter table emp28

drop CONSTRAINT SYS\_C007021;

desc emp29;

insert into emp29 values(

101,'Yamini','yamini@gmail.com','F','9988776655','01-MAR-22',22,25000);

insert into emp29 values(

102,'Kartik','K11@gmail.com','M','9288776655','01-APR-22',11,35000);

insert into emp29 values(

103,'Raj','Raj@gmail.com','M','9938776655','01-MAR-22',11,25000);

insert into emp29 values(

104,'Karan','karan@gmail.com','M','9288776675','01-SEP-22',33,37000);

insert into emp29 values(

105,'Ranjana','Raj11@gmail.com','F','9935776655','01-APR-22',22,20000);

alter table emp28

add salary number(8,2);

alter table emp28

modify emailid varchar2(50);

alter table emp28

rename column emailid to email\_id;

alter table emp28

drop column salary;

create table kod\_detls

(orderid number(2),

productid number(3),

order\_date date );

alter table kod\_detls

add CONSTRAINT k\_pk1 primary key(orderid);

desc kod\_detls;

truncate table kod\_detls; -- data get removed

drop table kod\_detls;

select \* from kod\_detls;

rename emp28 to emp29; -- hw emp28

desc emp28;

desc emp29;

select \* from location\_dtls28;

select \* from dept28;

select \* from emp29;

select empid, email\_id,hiredate

from emp29; --projection

select distinct hiredate from emp29; -- unique values in a column

select empname, salary as "Monthly Salary" ,salary\*12 Annual\_Salary

from emp29;

select empname || ' is an employee' from emp29; -- can cancat 1 col with 1 string

select empname || email\_id from emp29; -- can cancat 2 columns

select empname || ' hired with salary ' || salary from emp29; -- can concat hard coded string

select \* from dept28

where department\_id=33;

select \* from emp29

where salary>30000;

select \* from emp29

where hiredate='01-MAR-22';

select \* from emp29

where salary between 25000 and 40000; --range limits are unclusive

select \* from emp29

where hiredate between '01-APR-22' and '01-JUN-22';

select \* from emp29

where department\_id in(11,33); -- or

select \* from emp29

where empname like 'K%'; -- % - zero or more char

select \* from emp29

where empname like '\_ar%'; -- use of \_ for single char

select \* from emp29

where empname like 'R%a%';

select \* from emp29

where department\_id IS null;

-- emp record whose salary > 35000 and emp willbe in any one dept from 11,33

select \* from emp29

where salary>35000

and department\_id in(11,33);

select \* from emp29

order by salary desc;

select empid,empname,salary,hiredate

from emp29

--where department\_id=11

order by salary,hiredate;

select \* from emp29

order by 6;