SQL> connect

Enter user-name: system

Enter password:

Connected.

Assignement 1

SQL> create table pop(name varchar2(20),rollno number(4) primary key);

Table created.

SQL> insert into pop values('sandeep',1);

1 row created.

SQL> select \* from pop;

NAME ROLLNO

-------------------- ----------

sandeep 1

SQL>

Question 1;

SQL> create table department

2 (

3 Departmentid number(4) primary key,

4 departmentName varchar2(20),

5 managerid number(4),

6 managername varchar2(20),

7 locationid number(4)

8 );

Table created.

SQL> insert into department(departmentid,departmentname,managerid,managername,locationid)

2 values(101,'cs',221,'mohan',121);

1 row created.

SQL> insert into department(departmentid,departmentname,managerid,managername,locationid)

2 values(102,'physics',222,'rahul',122);

1 row created.

SQL> insert into department(departmentid,departmentname,managerid,managername,locationid)

2 values(103,'chemistry',223,'ajay',123);

1 row created.

SQL> insert into department(departmentid,departmentname,managerid,managername,locationid)

2 values(104,'maths',224,'prakash',124);

1 row created.

SQL> insert into department(departmentid,departmentname,managerid,managername,locationid)

2 values(105,'biology',225,'pankaj',125);

1 row created.

SQL> select \* from department

2 ;

DEPARTMENTID DEPARTMENTNAME MANAGERID MANAGERNAME LOCATIONID

------------ -------------------- ---------- -------------------- ----------

101 cs 221 mohan 121

102 physics 222 rahul 122

103 chemistry 223 ajay 123

104 maths 224 prakash 124

105 biology 225 pankaj 125

SQL> desc department

Name Null? Type

----------------------------------------- -------- ----------------------------

DEPARTMENTID NOT NULL NUMBER(4)

DEPARTMENTNAME VARCHAR2(20)

MANAGERID NUMBER(4)

MANAGERNAME VARCHAR2(20)

LOCATIONID NUMBER(4)

SQL> select departmentid,departmentname from department

2 ;

DEPARTMENTID DEPARTMENTNAME

------------ --------------------

101 cs

102 physics

103 chemistry

104 maths

105 biology

SQL> select departmentname,managername from department;

DEPARTMENTNAME MANAGERNAME

-------------------- --------------------

cs mohan

physics rahul

chemistry ajay

maths prakash

biology pankaj

SQL>

SQL> create table pop(name varchar2(20),rollno number(4) primary key);

Table created.

SQL> insert into pop(name,rollno) values('sandeep',1);

1 row created.

SQL> insert into pop(name,rollno) values('rahul',2);

1 row created.

SQL> insert into pop(name,rollno) values('dkfj',3);

1 row created.

SQL> delete from pop where rollno = 3;

1 row deleted.

SQL> select \* from pop;

NAME ROLLNO

-------------------- ----------

sandeep 1

rahul 2

SQL> delete from pop;

2 rows deleted.

SQL> select \* from pop;

no rows selected

SQL> drop pop;

drop pop

\*

ERROR at line 1:

ORA-00950: invalid DROP option

SQL> drop table pop;

Table dropped.

SQL> select \* from pop;

select \* from pop

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL>

**Question 2:**

SQL> create table friend (name varchar2(15),address varchar2(30),mobileno number(10) primary key,highest\_degree varchar2(6),marks\_in\_highest\_degree number(3));

Table created.

SQL> insert into friend (name,address,mobileno,highest\_degree,marks\_in\_highest\_degree) values('Rahul','alipur',9988669901,'mca',90);

1 row created.

SQL> insert into friend (name,address,mobileno,highest\_degree,marks\_in\_highest\_degree) values('ajay','budhpur',9988669902,'bsc',80);

1 row created.

SQL> insert into friend (name,address,mobileno,highest\_degree,marks\_in\_highest\_degree) values('Pankaj','Azadpur',9988669903,'BA',75);

1 row created.

SQL> insert into friend (name,address,mobileno,highest\_degree,marks\_in\_highest\_degree) values('Guru','alipur',9988669904,'BA',50);

1 row created.

SQL> insert into friend (name,address,mobileno,highest\_degree,marks\_in\_highest\_degree) values('Pintu','alipur',9988669905,'Msc',80);

1 row created.

SQL> insert into friend (name,address,mobileno,highest\_degree,marks\_in\_highest\_degree) values('Nikesh','jaipur',9988669906,'Msc',60);

1 row created.

SQL> insert into friend (name,address,mobileno,highest\_degree,marks\_in\_highest\_degree) values('Mukesh','jaipur',9988669907,'Msc',40);

1 row created.

SQL> select \* from friend;

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Rahul alipur 9988669901 mca

90

ajay budhpur 9988669902 bsc

80

Pankaj Azadpur 9988669903 BA

75

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Guru alipur 9988669904 BA

50

Pintu alipur 9988669905 Msc

80

Nikesh jaipur 9988669906 Msc

60

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Mukesh jaipur 9988669907 Msc

40

7 rows selected.

SQL> desc friend;

Name Null? Type

----------------------------------------- -------- ----------------------------

NAME VARCHAR2(15)

ADDRESS VARCHAR2(30)

MOBILENO NOT NULL NUMBER(10)

HIGHEST\_DEGREE VARCHAR2(6)

MARKS\_IN\_HIGHEST\_DEGREE NUMBER(3)

SQL> select name,highest\_degree,marks\_in\_highest\_degree from friend;

NAME HIGHES MARKS\_IN\_HIGHEST\_DEGREE

--------------- ------ -----------------------

Rahul mca 90

ajay bsc 80

Pankaj BA 75

Guru BA 50

Pintu Msc 80

Nikesh Msc 60

Mukesh Msc 40

7 rows selected.

SQL> select \* from friend order by name;

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Guru alipur 9988669904 BA

50

Mukesh jaipur 9988669907 Msc

40

Nikesh jaipur 9988669906 Msc

60

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Pankaj Azadpur 9988669903 BA

75

Pintu alipur 9988669905 Msc

80

Rahul alipur 9988669901 mca

90

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

ajay budhpur 9988669902 bsc

80

7 rows selected.

SQL> update friend set name = 'Ajay' where name = 'ajay';

1 row updated.

SQL> select \* from friend order by name;

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Ajay budhpur 9988669902 bsc

80

Guru alipur 9988669904 BA

50

Mukesh jaipur 9988669907 Msc

40

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Nikesh jaipur 9988669906 Msc

60

Pankaj Azadpur 9988669903 BA

75

Pintu alipur 9988669905 Msc

80

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Rahul alipur 9988669901 mca

90

7 rows selected.

SQL> select \* from friend where name like 'P%';

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Pankaj Azadpur 9988669903 BA

75

Pintu alipur 9988669905 Msc

80

SQL> delete from friend where name like 'P%';

2 rows deleted.

SQL> select \* from friend;

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Rahul alipur 9988669901 mca

90

Ajay budhpur 9988669902 bsc

80

Guru alipur 9988669904 BA

50

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Nikesh jaipur 9988669906 Msc

60

Mukesh jaipur 9988669907 Msc

40

SQL> select name from friend where name like '%y';

NAME

---------------

Ajay

SQL> select name from friend where name like 'A%y';

NAME

---------------

Ajay

SQL> select name from friend order by marks\_in\_highest\_degree;

NAME

---------------

Mukesh

Guru

Nikesh

Ajay

Rahul

SQL> select name from friend order by marks\_in\_highest\_degree desc;

NAME

---------------

Rahul

Ajay

Nikesh

Guru

Mukesh

**Question 3:**

**SQL> create table classmates (rollno number(2) primary key,name varchar2(30),address varchar2(30),mobileno number(10),marks\_in\_test number(3));**

**Table created.**

SQL> insert into classmates values(1,'Vinit','alipur',9988888801,60);

1 row created.

SQL> insert into classmates values(2,'Gourav','rampur',9988886531,44);

1 row created.

SQL> insert into classmates values(3,'Sourav','azadpur',9988886896,75);

1 row created.

SQL> insert into classmates values(4,'Pankaj','alipur',9988886145,78);

1 row created.

SQL> insert into classmates values(20,'Geeta','Santnagar',9458878415,65);

1 row created.

SQL> insert into classmates values(25,'Pintu','Govindpur',9458881115,63);

1 row created.

SQL> insert into classmates values(28,'Rahul kumar','Govindpur',9988881115,23);

1 row created.

SQL> select \* from classmates;

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

1 Vinit alipur

9988888801 60

2 Gourav rampur

9988886531 44

3 Sourav azadpur

9988886896 75

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

4 Pankaj alipur

9988886145 78

20 Geeta Santnagar

9458878415 65

25 Pintu Govindpur

9458881115 63

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

28 Rahul kumar Govindpur

9988881115 23

SQL> select name from classmates where rollno > 20 and rollno < 30;

NAME

------------------------------

Pintu

Rahul kumar

SQL> update classmates set rollno = 5 where rollno = 1;

1 row updated.

SQL> select \* from classmates order by rollno asc;

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

2 Gourav rampur

9988886531 44

3 Sourav azadpur

9988886896 75

4 Pankaj alipur

9988886145 78

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

5 Vinit alipur

9988888801 60

20 Geeta Santnagar

9458878415 65

25 Pintu Govindpur

9458881115 63

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

28 Rahul kumar Govindpur

9988881115 23

7 rows selected.

SQL> select name,marks\_in\_test from classmates;

NAME MARKS\_IN\_TEST

------------------------------ -------------

Vinit 60

Gourav 44

Sourav 75

Pankaj 78

Geeta 65

Pintu 63

Rahul kumar 23

7 rows selected.

SQL> select name,marks\_in\_test/100\*100 from classmates;

NAME MARKS\_IN\_TEST/100\*100

------------------------------ ---------------------

Vinit 60

Gourav 44

Sourav 75

Pankaj 78

Geeta 65

Pintu 63

Rahul kumar 23

7 rows selected.

SQL> select name,marks\_in\_test/100\*50 from classmates;

NAME MARKS\_IN\_TEST/100\*50

------------------------------ --------------------

Vinit 30

Gourav 22

Sourav 37.5

Pankaj 39

Geeta 32.5

Pintu 31.5

Rahul kumar 11.5

7 rows selected.

SQL> select name,marks\_in\_test/200\*100 from classmates;

NAME MARKS\_IN\_TEST/200\*100

------------------------------ ---------------------

Vinit 30

Gourav 22

Sourav 37.5

Pankaj 39

Geeta 32.5

Pintu 31.5

Rahul kumar 11.5

7 rows selected.

SQL> select name,((marks\_in\_test/200)\*100) as Percentage from classmates;

NAME PERCENTAGE

------------------------------ ----------

Vinit 30

Gourav 22

Sourav 37.5

Pankaj 39

Geeta 32.5

Pintu 31.5

Rahul kumar 11.5

7 rows selected.

**Question 4:**

SQL> create table employee(emp\_id number(5) primary key,name varchar2(30),email varchar2(25),mobileno number(10),jobid varchar2(10),salary number(8));

Table created.

SQL> insert into employee values(1021,'kamal','k545@gmail.com',9986541258,'pc123',80000);

1 row created.

SQL> insert into employee values(1022,'Rohit kumar','12gh5@gmail.com',9986785258,'pc123',80000);

1 row created.

SQL> insert into employee values(1023,'Komal','12gh78@gmail.com',9984525258,'pc124',70000);

1 row created.

SQL> insert into employee values(1024,'Kamlesh','123gh78@gmail.com',9984524218,'pc124',80000);

1 row created.

SQL> insert into employee values(1025,'Kunti','1fdj78@gmail.com',9978524218,'ac124',50000);

1 row created.

SQL> insert into employee values(1026,'Kunal kumar','1dfdj78@gmail.com',9971114218,'ac124',45000);

1 row created.

SQL> select \* from employee;

EMP\_ID NAME EMAIL MOBILENO

---------- ------------------------------ ------------------------- ----------

JOBID SALARY

---------- ----------

1021 kamal k545@gmail.com 9986541258

pc123 80000

1022 Rohit kumar 12gh5@gmail.com 9986785258

pc123 80000

1023 Komal 12gh78@gmail.com 9984525258

pc124 70000

EMP\_ID NAME EMAIL MOBILENO

---------- ------------------------------ ------------------------- ----------

JOBID SALARY

---------- ----------

1024 Kamlesh 123gh78@gmail.com 9984524218

pc124 80000

1025 Kunti 1fdj78@gmail.com 9978524218

ac124 50000

1026 Kunal kumar 1dfdj78@gmail.com 9971114218

ac124 45000

6 rows selected.

SQL> update employee set salary = 100000 where name ='kamal';

1 row updated.

SQL> select \* from employee;

EMP\_ID NAME EMAIL MOBILENO

---------- ------------------------------ ------------------------- ----------

JOBID SALARY

---------- ----------

1021 kamal k545@gmail.com 9986541258

pc123 100000

1022 Rohit kumar 12gh5@gmail.com 9986785258

pc123 80000

1023 Komal 12gh78@gmail.com 9984525258

pc124 70000

EMP\_ID NAME EMAIL MOBILENO

---------- ------------------------------ ------------------------- ----------

JOBID SALARY

---------- ----------

1024 Kamlesh 123gh78@gmail.com 9984524218

pc124 80000

1025 Kunti 1fdj78@gmail.com 9978524218

ac124 50000

1026 Kunal kumar 1dfdj78@gmail.com 9971114218

ac124 45000

6 rows selected.

**Question 5:**

SQL> create table department2(deptno number(4),dname varchar2(15) NOT NULL,loc varchar2(15) NOT NULL,

2 primary key(deptno));

Table created.

SQL> create table employee2(empno number(4) primary key,ename varchar2(20) NOT NULL,deptno number(4),job varchar2(20),hiredate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

2 foreign key(deptno) references department2(deptno));

Table created.

SQL> desc department2;

Name Null? Type

----------------------------------------- -------- ----------------------------

DEPTNO NOT NULL NUMBER(4)

DNAME NOT NULL VARCHAR2(15)

LOC NOT NULL VARCHAR2(15)

SQL> desc employee2;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER(4)

ENAME NOT NULL VARCHAR2(20)

DEPTNO NUMBER(4)

JOB VARCHAR2(20)

HIREDATE TIMESTAMP(6)

SQL>

SQL> insert into department2 values(2,'cs','floor2');

1 row created.

SQL> insert into employee2(empno,ename,deptno,job) values(1,'varun',2,'manager');

1 row created.

SQL> select \* from department2;

DEPTNO DNAME LOC

---------- --------------- ---------------

2 cs floor2

SQL> select \* from employee2;

EMPNO ENAME DEPTNO JOB

---------- -------------------- ---------- --------------------

HIREDATE

---------------------------------------------------------------------------

1 varun 2 manager

19-JUL-19 04.16.14.687000 PM

////////////////////////////////////////////////////////////////////////////////////////////////////////////////////

SQL\*Plus: Release 10.2.0.1.0 - Production on Mon Jul 22 16:30:48 2019

Copyright (c) 1982, 2005, Oracle. All rights reserved.

SQL> connect

Enter user-name: system

Enter password:

Connected.

SQL> select \* from Dept20;

DEPARTMENTID DEPARTMENTNAME MANAGERID MANAGERNAME LOCATIONID

------------ -------------------- ---------- -------------------- ----------

111 MCA 100 Anuj 1

112 Chemistry 101 Madhav 2

113 Maths 102 Rohan 3

114 Physics 103 Mohan 4

115 CS 104 Ajay 5

SQL> select departmentid,departmentname from D

2 ept20;

select departmentid,departmentname from D

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> select departmentid,departmentname from Dept20;

DEPARTMENTID DEPARTMENTNAME

------------ --------------------

111 MCA

112 Chemistry

113 Maths

114 Physics

115 CS

SQL> select departmentname,managername from Dept20;

DEPARTMENTNAME MANAGERNAME

-------------------- --------------------

MCA Anuj

Chemistry Madhav

Maths Rohan

Physics Mohan

CS Ajay

SQL> select \* from friend20;

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Sandeep alipur 9999998801 mca

90

Varun ajadpur 9999998802 bsc

95

rahul samaypur 9999998803 bsc

80

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Gourav ajamgarh 9999998804 12th

80

Govind budhpur 9999998805 ba

85

Sanjay alipur 9999998806 ba

70

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Sumit alipur 9999998807 ba

60

Pankaj alipur 9999998808 ba

55

8 rows selected.

SQL> select name,highest\_degree,marks\_in\_highest\_degree from friend20;

NAME HIGHES MARKS\_IN\_HIGHEST\_DEGREE

--------------- ------ -----------------------

Sandeep mca 90

Varun bsc 95

rahul bsc 80

Gourav 12th 80

Govind ba 85

Sanjay ba 70

Sumit ba 60

Pankaj ba 55

8 rows selected.

SQL> select \* from friend20 order by name;

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Gourav ajamgarh 9999998804 12th

80

Govind budhpur 9999998805 ba

85

Pankaj alipur 9999998808 ba

55

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Sandeep alipur 9999998801 mca

90

Sanjay alipur 9999998806 ba

70

Sumit alipur 9999998807 ba

60

NAME ADDRESS MOBILENO HIGHES

--------------- ------------------------------ ---------- ------

MARKS\_IN\_HIGHEST\_DEGREE

-----------------------

Varun ajadpur 9999998802 bsc

95

rahul samaypur 9999998803 bsc

80

8 rows selected.

SQL> delete from friend20 where name like 'P%';

1 row deleted.

SQL> select name from friend20;

NAME

---------------

Sandeep

Varun

rahul

Gourav

Govind

Sanjay

Sumit

7 rows selected.

SQL> select name from friend20 order by marks\_in\_highest\_degree desc;

NAME

---------------

Varun

Sandeep

Govind

rahul

Gourav

Sanjay

Sumit

7 rows selected.

SQL> select name, marks\_in\_highest\_degree from friend20;

NAME MARKS\_IN\_HIGHEST\_DEGREE

--------------- -----------------------

Sandeep 90

Varun 95

rahul 80

Gourav 80

Govind 85

Sanjay 70

Sumit 60

7 rows selected.

SQL> create table classmates2 (rollno number(2) primary key,name varchar2(30),address varchar2(30),mobileno number(10),marks\_in\_test number(3));

Table created.

SQL> insert into classmates2 values(1,'Vinit','alipur',9988888801,60);

1 row created.

SQL> insert into classmates2 values(2,'Gourav','rampur',9988886531,44);

1 row created.

SQL> insert into classmates2 values(3,'Sourav','azadpur',9988886896,75);

1 row created.

SQL> insert into classmates2 values(4,'Pankaj','alipur',9988886145,78);

1 row created.

SQL> insert into classmates2 values(20,'Geeta','Santnagar',9458878415,65);

1 row created.

SQL> insert into classmates2 values(25,'Pintu','Govindpur',9458881115,63);

1 row created.

SQL> insert into classmates2 values(28,'Rahul kumar','Govindpur',9988881115,23);

1 row created.

SQL> select \* from classmates2;

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

1 Vinit alipur

9988888801 60

2 Gourav rampur

9988886531 44

3 Sourav azadpur

9988886896 75

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

4 Pankaj alipur

9988886145 78

20 Geeta Santnagar

9458878415 65

25 Pintu Govindpur

9458881115 63

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

28 Rahul kumar Govindpur

9988881115 23

7 rows selected.

SQL> select name from classmates2 where rollno > 20 and rollno < 30;

NAME

------------------------------

Pintu

Rahul kumar

SQL> update classmates2 set rollno = 5 where rollno = 1;

1 row updated.

SQL> select \* from classmates2 order by rollno asc;

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

2 Gourav rampur

9988886531 44

3 Sourav azadpur

9988886896 75

4 Pankaj alipur

9988886145 78

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

5 Vinit alipur

9988888801 60

20 Geeta Santnagar

9458878415 65

25 Pintu Govindpur

9458881115 63

ROLLNO NAME ADDRESS

---------- ------------------------------ ------------------------------

MOBILENO MARKS\_IN\_TEST

---------- -------------

28 Rahul kumar Govindpur

9988881115 23

7 rows selected.

SQL> select name,rollno from classmates2;

NAME ROLLNO

------------------------------ ----------

Vinit 5

Gourav 2

Sourav 3

Pankaj 4

Geeta 20

Pintu 25

Rahul kumar 28

7 rows selected.

SQL> select name,rollno from classmates2 order by rollno asc;

NAME ROLLNO

------------------------------ ----------

Gourav 2

Sourav 3

Pankaj 4

Vinit 5

Geeta 20

Pintu 25

Rahul kumar 28

7 rows selected.

SQL> select name,((marks\_in\_test/200)\*100) as Percentage from classmates2;

NAME PERCENTAGE

------------------------------ ----------

Vinit 30

Gourav 22

Sourav 37.5

Pankaj 39

Geeta 32.5

Pintu 31.5

Rahul kumar 11.5

7 rows selected.

SQL> create table employee3(emp\_id number(5) primary key,name varchar2(30),email varchar2(25),mobileno number(10),jobid varchar2(10),salary number(8,2));

Table created.

SQL> insert into employee3 values(1021,'kamal','k545@gmail.com',9986541258,'pc123',80000);

1 row created.

SQL> insert into employee3 values(1022,'Rohit kumar','12gh5@gmail.com',9986785258,'pc123',80000);

1 row created.

SQL> insert into employee3 values(1023,'Komal','12gh78@gmail.com',9984525258,'pc124',70000);

1 row created.

SQL> insert into employee3 values(1024,'Kamlesh','123gh78@gmail.com',9984524218,'pc124',80000);

1 row created.

SQL> insert into employee3 values(1025,'Kunti','1fdj78@gmail.com',9978524218,'ac124',50000);

1 row created.

SQL> insert into employee3 values(1026,'Kunal kumar','1dfdj78@gmail.com',9971114218,'ac124',45000);

1 row created.

SQL> select \* from employee3

2 ;

EMP\_ID NAME EMAIL MOBILENO

---------- ------------------------------ ------------------------- ----------

JOBID SALARY

---------- ----------

1021 kamal k545@gmail.com 9986541258

pc123 80000

1022 Rohit kumar 12gh5@gmail.com 9986785258

pc123 80000

1023 Komal 12gh78@gmail.com 9984525258

pc124 70000

EMP\_ID NAME EMAIL MOBILENO

---------- ------------------------------ ------------------------- ----------

JOBID SALARY

---------- ----------

1024 Kamlesh 123gh78@gmail.com 9984524218

pc124 80000

1025 Kunti 1fdj78@gmail.com 9978524218

ac124 50000

1026 Kunal kumar 1dfdj78@gmail.com 9971114218

ac124 45000

6 rows selected.

SQL> update employee3 set salary = 100000 where name ='kamal';

1 row updated.

SQL> select name,salary from employee3;

NAME SALARY

------------------------------ ----------

kamal 100000

Rohit kumar 80000

Komal 70000

Kamlesh 80000

Kunti 50000

Kunal kumar 45000

6 rows selected.

SQL> create table department2(deptno number(4),dname varchar2(15) NOT NULL,loc varchar2(15) NOT NULL,

2 2 primary key(deptno));

2 primary key(deptno))

\*

ERROR at line 2:

ORA-00904: : invalid identifier

SQL> create table department2(deptno number(4),dname varchar2(15) NOT NULL,loc varchar2(15) NOT NULL,

2 2 primary key(deptno));

2 primary key(deptno))

\*

ERROR at line 2:

ORA-00904: : invalid identifier

SQL> create table department2(deptno number(4),dname varchar2(15) NOT NULL,loc varchar2(15) NOT NULL,primary key(deptno));

Table created.

SQL> create table employee2(empno number(4) primary key,ename varchar2(20) NOT NULL, deptno number(4),job varchar2(20),hiredate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,foreign key(deptno) references department2(deptno));

TIMESTAMP : FOR DATE AND TIME TYPE

DATE:FOR DATE TYPE

Table created.

SQL> desc department2;

Name Null? Type

----------------------------------------- -------- ----------------------------

DEPTNO NOT NULL NUMBER(4)

DNAME NOT NULL VARCHAR2(15)

LOC NOT NULL VARCHAR2(15)

SQL> desc employee2;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER(4)

ENAME NOT NULL VARCHAR2(20)

DEPTNO NUMBER(4)

JOB VARCHAR2(20)

HIREDATE TIMESTAMP(6)

SQL> insert into department2 values(2,'cs','floor2');

1 row created.

SQL> insert into employee2(empno,ename,deptno,job) values(1,'varun',2,'manager');

1 row created.

SQL> select \* from department2;

DEPTNO DNAME LOC

---------- --------------- ---------------

2 cs floor2

SQL> select \* from employee2;

EMPNO ENAME DEPTNO JOB

---------- -------------------- ---------- --------------------

HIREDATE

---------------------------------------------------------------------------

1 varun 2 manager

22-JUL-19 05.07.26.693000 PM

SQL>

SQL\*Plus: Release 10.2.0.1.0 - Production on Thu Jul 25 12:04:45 2019

Copyright (c) 1982, 2005, Oracle. All rights reserved.

SQL> connect;

Enter user-name: system

Enter password:

Connected.

SQL> select \* from employee2;

EMPNO ENAME DEPTNO JOB

---------- -------------------- ---------- --------------------

HIREDATE

---------------------------------------------------------------------------

1 varun 2 manager

22-JUL-19 05.07.26.693000 PM

SQL> select \* from department2;

DEPTNO DNAME LOC

---------- --------------- ---------------

2 cs floor2

SQL> alter table employee2 modify hiredate DEFAULT CURRENT\_TIMESTAMP;

Table altered.

SQL> select \* from employee2;

EMPNO ENAME DEPTNO JOB

---------- -------------------- ---------- --------------------

HIREDATE

---------------------------------------------------------------------------

1 varun 2 manager

22-JUL-19 05.07.26.693000 PM

SQL> DELETE FROM EMPLOYEE2;

1 row deleted.

SQL> INSERT INTO EMPLOYEE2(EMPNO,ENAME,DEPNO,JOB) VALUES(1,VARUN,2,MANGER);

INSERT INTO EMPLOYEE2(EMPNO,ENAME,DEPNO,JOB) VALUES(1,VARUN,2,MANGER)

\*

ERROR at line 1:

ORA-00984: column not allowed here

SQL> desc employee2;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER(4)

ENAME NOT NULL VARCHAR2(20)

DEPTNO NUMBER(4)

JOB VARCHAR2(20)

HIREDATE TIMESTAMP(6)

SQL> insert into employee2(empno,ename,deptno,job) values(1,'varun',2,'manager');

1 row created.

SQL> select \* from employee2;

EMPNO ENAME DEPTNO JOB

---------- -------------------- ---------- --------------------

HIREDATE

---------------------------------------------------------------------------

1 varun 2 manager

25-JUL-19 12.09.39.903000 PM

SQL> alter table employee2 modify hiredate date DEFAULT CURRENT\_TIMESTAMP;

Table altered.

SQL> DELETE FROM EMPLOYEE2;

1 row deleted.

SQL> insert into employee2(empno,ename,deptno,job) values(1,'varun',2,'manager');

1 row created.

SQL> select \* from employee2;

EMPNO ENAME DEPTNO JOB HIREDATE

---------- -------------------- ---------- -------------------- ---------

1 varun 2 manager 25-JUL-19

SQL>