**Name : Abhishek Kumar**

**Roll Number : 2005982**

**Branch : CSE 21**

**Subject : DBMS**

**Lab Report 4**

SQL> connect Abhishek/2005982

Connected.

SQL> desc student;

Name Null? Type

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

STUDENTID NOT NULL CHAR(5)

LAST NOT NULL VARCHAR2(15)

FIRST NOT NULL VARCHAR2(15)

STREET VARCHAR2(25)

CITY VARCHAR2(15)

STATE VARCHAR2(2)

ZIP VARCHAR2(5)

STARTTERM CHAR(4)

BIRTHDAY DATE

FACULTYID NUMBER(3)

MAJORID NUMBER(3)

PHONE CHAR(10)

SQL> desc faculty;

Name Null? Type

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

FACULTYID NOT NULL NUMBER(3)

NAME NOT NULL VARCHAR2(15)

ROOMID NUMBER(2)

PHONE CHAR(3)

DEPTID NUMBER(1)

SQL> desc crossection;

Name Null? Type

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

CSID NOT NULL NUMBER(4)

COURSEID NOT NULL VARCHAR2(6)

SECTION CHAR(2)

TERMID NOT NULL CHAR(4)

FACULTYID NUMBER(3)

DAY VARCHAR2(2)

STARTTIME VARCHAR2(5)

ENDTIME VARCHAR2(5)

ROOMID NUMBER(2)

MAXCOUNT NUMBER(2)

SQL> desc course;

Name Null? Type

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

COURSEID NOT NULL VARCHAR2(6)

TITLE VARCHAR2(20)

CREDITS NUMBER(1)

PREREQ VARCHAR2(6)

SQL> desc registration;;

SP2-0565: Illegal identifier.

SQL> desc registration;

Name Null? Type

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

STUDENTID NOT NULL CHAR(5)

CSID NOT NULL NUMBER(4)

MIDTERM CHAR(1)

FINAL CHAR(1)

REGSTATUS CHAR(1)

SQL> desc room;

Name Null? Type

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

ROOMTYPE NOT NULL CHAR(1)

ROOMDESC VARCHAR2(9)

SQL> desc location;

Name Null? Type

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

ROOMID NOT NULL NUMBER(2)

BULIDING NOT NULL VARCHAR2(7)

ROOMNO NOT NULL CHAR(3)

CAPACITY NUMBER(2)

ROOMTYPE CHAR(1)

SQL> desc term;

Name Null? Type

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

TERMID NOT NULL CHAR(4)

TERMDESC VARCHAR2(11)

STARTDATE DATE

ENDDATE DATE

SQL> desc department;

Name Null? Type

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

DEPTID NOT NULL NUMBER(1)

DEPTNAME VARCHAR2(20)

FACULTYID NUMBER(3)

SQL> desc major;

Name Null? Type

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

MAJORID NOT NULL NUMBER(3)

MAJORDESC VARCHAR2(25)

SQL> select \* from student;

STUDE LAST FIRST STREET CITY

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

ST ZIP STAR BIRTHDAY FACULTYID MAJORID PHONE

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

100 DIAZ JOSE 1 FORD AVENUE #7 HILL

NJ 8863 WN03 02-DEC-83 123 100 973555111

101 TYLER MICKEY 12 MORRIS AVENUE BRONX

NY 10468 SP03 18-MAR-84 555 500 718555222

102 PATEL RAJESH 23 RIVER ROAD #3 EDISON

NJ 8837 WN03 12-DEC-85 111 400 732555333

STUDE LAST FIRST STREET CITY

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

ST ZIP STAR BIRTHDAY FACULTYID MAJORID PHONE

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

103 RICKLES DEBORAH 100 MAIN STREET ISELIN

NJ 8838 FL02 20-OCT-70 555 500 732555444

104 LEE BRIAN 2845 FIRST LANE HOP

NY 11373 WN03 28-NOV-85 345 600 212555555

105 KHAN AMIR 213 BROADWAY CLIFTON

NJ 7222 WN03 07-JUL-84 222 200 201555666

6 rows selected.

SQL> select \* from faculty;

FACULTYID NAME ROOMID PHO DEPTID

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

111 JONES 11 525 1

222 WILLIAMS 20 533 2

123 MOBLEY 11 529 1

235 VAJPAYEE 12 577 2

345 SEN 12 579 3

444 RIVERA 21 544 4

555 CHANG 17 587 5

333 COLLINS 17 599 3

8 rows selected.

SQL> select \* from crossection;

CSID COURSE SE TERM FACULTYID DA START ENDTI ROOMID MAXCOUNT

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

1101 CIS265 1 WN03 111 MW 09:00 10:30 13 30

1102 CIS253 1 WN03 123 TR 09:00 10:30 18 40

1103 MA150 2 WN03 444 F 09:00 12:00 15 25

1104 AC101 10 WN03 345 MW 10:30 12:00 16 35

1205 CIS265 1 SP03 MW 90:00 10:30 14 35

1206 CIS265 2 SP03 111 TR 09:00 10:30 18 30

1207 la123 5 SP03 MW 09:00 10:30 15 30

1208 CIS253 21 SP03 123 TR 09:00 10:30 14 40

1209 CIS253 11 SP03 111 MW 09:00 10:30 18 40

1210 CIS253 31 SP03 123 F TBA TBA 19 2

10 rows selected.

SQL> select \* from course;

COURSE TITLE CREDITS PREREQ

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

en100 basic english 0

la123 english literature 3 en100

CIS253 DATABASE SYSTEMS 3

CIS265 SYSTEM ANALYSIS 3 CIS253

MA150 COLLEGE ALGEBRA 3

AC101 ACCOUNTING 3

6 rows selected.

SQL> select \* from registration;

STUDE CSID M F R

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

100 1103 C F R

100 1102 B B R

100 1104 B A R

102 1102 F D R

102 1103 A A R

103 1101 F W W

103 1104 D D R

100 1207 X

103 1206 W

104 1206 X

104 1207 R

STUDE CSID M F R

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

104 1210 R

105 1208 R

105 1209 X

101 1205 X

102 1210 R

102 1207 R

102 1206 X

18 rows selected.

SQL> select \* from room;

R ROOMDESC

- ---------

L LAB

C CLASSROOM

O OFFICE

SQL> select \* from location;

ROOMID BULIDIN ROO CAPACITY R

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

11 GANDHI 101 2 O

12 GANDHI 103 2 O

13 KENNEDY 202 35 L

14 KENNEDY 204 50 L

15 NEHRU 301 50 C

16 NEHRU 309 45 C

17 GANDHI 105 2 O

18 KENNEDY 206 40 L

19 KENNEDY 210 30 L

20 GANDHI 107 2 O

21 GANDHI 109 2 O

11 rows selected.

SQL> select \* from term;

TERM TERMDESC STARTDATE ENDDATE

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

SP02 SPRING 2002 28-MAR-02 16-AUG-02

FL02 FALL 2002 08-SEP-02 20-DEC-02

WN03 WINTER 2003 05-JAN-03 18-APR-03

SP03 SPRING 2003 27-APR-03 15-AUG-03

FL03 FALL 2003 07-SEP-03 19-DEC-03

SQL> select \* from department;

DEPTID DEPTNAME FACULTYID

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

1 COMPUTER SCIENCE 111

2 TELECOMMUNICATIONS 222

3 ACCOUNTING 333

4 MATHS AND SCIENCE 444

5 LIBERAL ARTS 555

SQL> select \* from major;

MAJORID MAJORDESC

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

100 AAS-ACCOUNTING

200 AAS-COMPUTER SCIENCE

300 AAS-TELECOMMUNICATION

400 BS-ACCOUNTING

500 BS-COMPUTER SCIENCE

600 BS-TELECOMMUNICATION

6 rows selected.

SQL> select constraint\_name,table\_name from user\_constraints;

CONSTRAINT\_NAME TABLE\_NAME

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

SYS\_C009406 COUNTRIES

SYS\_C009407 JOBS

SYS\_C009408 JOBS

SYS\_C009409 JOBS

SYS\_C009410 COUNTRIES1

SYS\_C009439 STUDENT

SYS\_C009440 STUDENT

SYS\_C009441 FACULTY

SYS\_C009442 CROSSECTION

SYS\_C009443 CROSSECTION

SYS\_C009444 LOCATION

CONSTRAINT\_NAME TABLE\_NAME

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

SYS\_C009445 LOCATION

S\_ID STUDENT

F\_ID FACULTY

C\_ID CROSSECTION

CR\_ID COURSE

R\_TY ROOM

R\_ID LOCATION

T\_ID TERM

DE\_ID DEPARTMENT

M\_ID MAJOR

ST\_ID STUDENT

CONSTRAINT\_NAME TABLE\_NAME

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

FT\_ID STUDENT

MA\_ID STUDENT

RO\_ID FACULTY

DPT\_ID FACULTY

COR\_ID CROSSECTION

TE\_ID CROSSECTION

FTY\_ID CROSSECTION

ROO\_ID CROSSECTION

PRE\_ID COURSE

RO\_TY LOCATION

FAC\_ID DEPARTMENT

CONSTRAINT\_NAME TABLE\_NAME

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

MC\_ID CROSSECTION

CER\_ID COURSE

MID\_ID REGISTRATION

FIN\_ID REGISTRATION

REG\_ST REGISTRATION

CAP\_ID LOCATION

PH\_NO FACULTY

TI\_ID COURSE

R\_NO LOCATION

ST\_CS\_ID REGISTRATION

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