Lab Assignment-01

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QUES 1: Create a table STUDENT with the following attributes and data given:

STUDENT (StudentId, Last, First, Street, City, State, Zip, StartTerm, BirthDate, FacultyId, MajorId, Phone)

StudentId	Last	First	Street	City	State	Zip	Start Term	Birth Date	FacultyId	MajorId	Phone
00100	Diaz	Jose	1 Ford Avenue #7	Hill	NJ	08863	WN03	02/12/83	123	100	9735551111
00101	Tyler	Mickey	12 Morris Avenue	Bronx	NY	10468	SP03	03/18/84	555	500	7185552222
00102	Patel	Rajesh	25 River Road #3	Edison	NJ	08837	WN03	12/12/85	111	400	7325553333
00103	Rickles	Deborah	100 Main Street	Iselin	NJ	08838	FL02	10/20/70	555	500	7325554444
00104	Lee	Brian	2845 First Lane	Hope	NY	11373	WN03	11/28/85	345	600	2125555555
00105	Khan	Amir	213 Broadway	Clifton	NJ	07222	WN03	07/07/84	222	200	2017585555

SOLUTION:

SQL> create table student (studentid varchar(5), last varchar(10), first varchar(10), street varchar(35),city varchar(10), state varchar(2), zip varchar(5), startterm varchar(4), birthdate date, facultyid number(3), majorid number(3), phone number(10));

SQL> desc student;

```
SQL> create table student(studentid varchar(5),last varchar(10),first varchar(10),street varchar(35),city varchar(10)
,state varchar(2),zip varchar(5),startterm varchar(4),birthdate date,facultyid number(3),majorid number(3),phone numb
er(10));

Table created.

SQL> desc student;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 STUDENTID                                          VARCHAR2(5)
 LAST                                               VARCHAR2(10)
 FIRST                                              VARCHAR2(10)
 STREET                                             VARCHAR2(35)
 CITY                                               VARCHAR2(10)
 STATE                                              VARCHAR2(2)
 ZIP                                                VARCHAR2(5)
 STARTTERM                                          VARCHAR2(4)
 BIRTHDATE                                          DATE
 FACULTYID                                          NUMBER(3)
 MAJORID                                            NUMBER(3)
 PHONE                                              NUMBER(10)
```

```
SQL> insert into student values ('00100', 'Diaz', 'Jose', '1 Ford Avenue #7', 'Hill', 'NJ',
'08863', 'WN03', '12-feb-1983', 123, 100, 9735551111);

SQL> insert into student values ('00101', 'Tyler', 'Mickey', '12 Morris Avenue', 'Bronx',
'NY', '10468', 'SP03', '18-mar-1984', 555, 500, 7185552222);

SQL> insert into student values ('00102', 'Patel', 'Rajesh', '25 River Road #3', 'Edison',
'NJ', '08837', 'WN03', '12-dec-1985', 111, 400, 7325553333);

SQL> insert into student values ('00103', 'Rickles', 'Deborah', '100 Main Street', 'Iselin',
'NJ', '08838', 'FL02', '20-oct-1970', 555, 500, 7325554444);

SQL> insert into student values ('00104', 'Lee', 'Brian', '2845 First Lane', 'Hope', 'NY',
'11373', 'WN03', '28-nov-1985', 345, 600, 2125555555);

SQL> insert into student values ('00105', 'Khan', 'Amir', '213 Broadway', 'Clifton', 'NJ',
'07222', 'WN03', '07-jul-1984', 222, 200, 2017585555);
```

```
SQL> insert into student values('00100','Diaz','Jose','1 Ford Avenue #7','Hill','NJ','08863','WN03','12-feb-1983',123
,100,9735551111);

1 row created.

SQL> insert into student values('00101','Tyler','Mickey','12 Morris Avenue','Bronx','NY','10468','SP03','18-mar-1984'
,555,500,7185552222);

1 row created.

SQL> insert into student values('00102','Patel','Rajesh','25 River Road #3','Edison','NJ','08837','WN03','12-dec-1985
',111,400,7325553333);

1 row created.

SQL> insert into student values('00103','Rickles','Deborah','100 Main Street','Iselin','NJ','08838','FL02','20-oct-19
70',555,500,7325554444);

1 row created.

SQL> insert into student values('00104','Lee','Brian','2845 First Lane','Hope','NY','11373','WN03','28-nov-1985',345,
600,2125555555);

1 row created.

SQL> insert into student values('00105','Khan','Amir','213 Broadway','Clifton','NJ','07222','WN03','07-jul-1984',222,
200,2017585555);

1 row created.
```

```
SQL> select * from student;
```

```
SQL> select * from student;

STUDE LAST       FIRST      STREET                           CITY       ST ZIP   STAR BIRTHDATE FACULTYID    MAJORID      PHONE
----- ---------- ---------- -------------------------------- ---------- -- ----- ---- --------- ---------- ---------- ----------
00100 Diaz       Jose       1 Ford Avenue #7                 Hill       NJ 08863 WN03 12-FEB-83        123        100 9735551111
00101 Tyler      Mickey     12 Morris Avenue                 Bronx      NY 10468 SP03 18-MAR-84        555        500 7185552222
00102 Patel      Rajesh     25 River Road #3                 Edison     NJ 08837 WN03 12-DEC-85        111        400 7325553333
00103 Rickles    Deborah    100 Main Street                  Iselin     NJ 08838 FL02 20-OCT-70        555        500 7325554444
00104 Lee        Brian      2845 First Lane                  Hope       NY 11373 WN03 28-NOV-85        345        600 2125555555
00105 Khan       Amir       213 Broadway                     Clifton    NJ 07222 WN03 07-JUL-84        222        200 2017585555

6 rows selected.
```