```
Run SQL Command Line
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SQL>  connect bittu
Enter password:
Connected.
SQL> create table student_871 (STUD_ID VARCHAR2(10) PRIMARY KEY
  2  ,FIRSTNAME VARCHAR2(20),
  3  LASTNAME VARCHAR2(20),
  4  DOB DATE NOT NULL,
  5  PHONE INT NOT NULL,
  6  STREET VARCHAR2(30),
  7  CITY VARCHAR2(20)
  8  ,ZIP INT CHECK(ZIP>0),
  9  FACU_ID INT);

Table created.

SQL> DESC STUDENT_871
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 STUD_ID                                   NOT NULL VARCHAR2(10)
 FIRSTNAME                                          VARCHAR2(20)
 LASTNAME                                           VARCHAR2(20)
 DOB                                       NOT NULL DATE
 PHONE                                     NOT NULL NUMBER(38)
 STREET                                             VARCHAR2(30)
 CITY                                               VARCHAR2(20)
 ZIP                                                NUMBER(38)
 FACU_ID                                            NUMBER(38)

SQL> INSERT INTO STUDENT_871 VALUES('1905871','BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT','8906990211','733102','13');
INSERT INTO STUDENT_871 VALUES('1905871','BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT','8906990211','733102','13')
                                                                                                                *
ERROR at line 1:
ORA-01722: invalid number


SQL> INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13);
INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13)
                                                                                               *
ERROR at line 1:
```

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Run SQL Command Line
    PHONE                           NOT NULL NUMBER(38)
    STREET                                   VARCHAR2(30)
    CITY                                     VARCHAR2(20)
    ZIP                                      NUMBER(38)
    FACU_ID                                  NUMBER(38)
SQL> INSERT INTO STUDENT_871 VALUES('1905871','BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT','8906990211','733102','13');
INSERT INTO STUDENT_871 VALUES('1905871','BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT','8906990211','733102','13')
                                                                                                                      *
ERROR at line 1:
ORA-01722: invalid number


SQL> INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13);
INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13)
                                                                                                 *
ERROR at line 1:
ORA-01722: invalid number


SQL> STREET VARCHAR2(20),
SP2-0734: unknown command beginning "STREET VAR..." - rest of line ignored.
SQL> DESC STUDENT_871
    Name                            Null?    Type
    ------------------------------- -------- -----------------------------
    STUD_ID                         NOT NULL VARCHAR2(10)
    FIRSTNAME                                VARCHAR2(20)
    LASTNAME                                 VARCHAR2(20)
    DOB                             NOT NULL DATE
    PHONE                           NOT NULL NUMBER(38)
    STREET                                   VARCHAR2(30)
    CITY                                     VARCHAR2(20)
    ZIP                                      NUMBER(38)
    FACU_ID                                  NUMBER(38)

SQL> INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13);
INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13)
                                                                                                 *
ERROR at line 1:
ORA-01722: invalid number
```

```
SP2-0734: unknown command beginning "STREET VAR..." - rest of line ignored.
SQL> DESC STUDENT_871
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 STUD_ID                                   NOT NULL VARCHAR2(10)
 FIRSTNAME                                          VARCHAR2(20)
 LASTNAME                                           VARCHAR2(20)
 DOB                                       NOT NULL DATE
 PHONE                                     NOT NULL NUMBER(38)
 STREET                                             VARCHAR2(30)
 CITY                                               VARCHAR2(20)
 ZIP                                                NUMBER(38)
 FACU_ID                                            NUMBER(38)

SQL> INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13);
INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001','CHAKVRIGU','BALURGHAT',8906990211,733102,13)
                                                                       *
ERROR at line 1:
ORA-01722: invalid number


SQL> INSERT INTO STUDENT_871 VALUES(1905871,'BISWADIP','SAHA','16-MAY-2001',8906990211,'CHAKVRIGU','BALURGHAT',733102,13);

1 row created.

SQL> INSERT INTO STUDENT_871 VALUES(1905872,'ADITYA','HALDER','18-FEB-2001',8967202771,'CHAKVABANI','BALURGHAT',733102,13);

1 row created.

SQL> INSERT INTO STUDENT_871 VALUES(1905720,'SARTHAK','DAS','20-JAN-2001',967202771,'NEPALIN PARA','BALURGHAT',733101,13);

1 row created.

SQL> SELECT *FROM STUDENT;
SELECT *FROM STUDENT
               *
ERROR at line 1:
ORA-00942: table or view does not exist


SQL> SELECT *FROM STUDENT_871;
```

```
SQL> SELECT *FROM STUDENT_871;

STUD_ID     FIRSTNAME              LASTNAME              DOB              PHONE
--------    --------------------   ---------------       ----------    ----------
STREET                             CITY                     ZIP        FACU_ID
--------                           --------------        ----------    ----------
1905871     BISWADIP               SAHA                  16-MAY-01  8906990211
CHAKVRIGU                          BALURGHAT                733102           13

1905872     ADITYA                 HALDER                18-FEB-01  8967202771
CHAKVABANI                         BALURGHAT                733102           13

1905720     SARTHAK                DAS                   20-JAN-01   967202771
NEPALIN PARA                       BALURGHAT                733101           13

SQL> create table FACULTY_871( FACU_ID VARCHAR2(20),
  2   FIRSTNAME VARCHAR2(20),
  3   LASTNAME VARCHAR2(20),
  4   PHONE INT NOT NULL,
  5   ROOM_ID INT,
  6   DEPT_ID);
DEPT_ID)
    *
ERROR at line 6:
ORA-02263: need to specify the datatype for this column


SQL> DEPT_ID INT);
SP2-0734: unknown command beginning "DEPT_ID IN..." - rest of line ignored.
SQL> DEPT_ID INT);
SP2-0734: unknown command beginning "DEPT_ID IN..." - rest of line ignored.
SQL> create table FACULTY_871( FACU_ID VARCHAR2(20),
  2   FIRSTNAME VARCHAR2(20),
  3   LASTNAME VARCHAR2(20),
  4   PHONE INT NOT NULL,
  5   ROOM_ID INT,
  6   DEPT_ID INT);

Table created.
```

```
1 row created.

SQL> INSERT INTO FACULTY_871 VALUES(2000679,'MUNTA','DAS',592778362,54,76);

1 row created.

SQL> INSERT INTO FACULTY_871 VALUES(2000779,'PALTU','DAS',592778382,54,76);

1 row created.

SQL> DESC FACULTY_871
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 FACU_ID                                            VARCHAR2(20)
 FIRSTNAME                                          VARCHAR2(20)
 LASTNAME                                           VARCHAR2(20)
 PHONE                             NOT NULL NUMBER(38)
 ROOM_ID                                            NUMBER(38)
 DEPT_ID                                            NUMBER(38)

SQL> SELECT * FROM FACULTY_871;

FACU_ID              FIRSTNAME            LASTNAME                  PHONE
-------------------- -------------------- -------------------- ----------
   ROOM_ID    DEPT_ID
---------- ----------
2000678              BABAI                DAS                   562778362
        54         76

2000679              MUNTA                DAS                   592778362
        54         76

2000779              PALTU                DAS                   592778382
        54         76
```

```
SQL> create table DEPARTMENT_871( DEPT_ID VARCHAR2(20),
  2  DEPT_NAME VARCHAR2(20),
  3  FACU_ID INT);

Table created.

SQL> INSERT INTO DEPARTMENT_871 VALUES(354,'PDCDEPT',34);

1 row created.

SQL> INSERT INTO DEPARTMENT_871 VALUES(358,'CSEDEPT',36);

1 row created.

SQL> INSERT INTO DEPARTMENT_871 VALUES(359,'CVILDEPT',46);

1 row created.

SQL> SELECT * FROM DEPARTMENT_871;

DEPT_ID              DEPT_NAME                FACU_ID
-------------------- -------------------- ----------
354                  PDCDEPT                       34
358                  CSEDEPT                       36
359                  CVILDEPT                      46

SQL> create table COURSE_871( COURSE_ID VARCHAR2(20),
  2  TITLE VARCHAR2(20),
  3  CREDIT INT);

Table created.

SQL> INSERT INTO COURSE_871 VALUES(MA-2001,'PDC',5);
INSERT INTO COURSE_871 VALUES(MA-2001,'PDC',5)
                              *
ERROR at line 1:
ORA-00984: column not allowed here
```

```
  3   CREDIT INT);

Table created.

SQL> INSERT INTO COURSE_871 VALUES(MA-2001,"PDC",5);
INSERT INTO COURSE_871 VALUES(MA-2001,"PDC",5)
                                *
ERROR at line 1:
ORA-00984: column not allowed here


SQL> INSERT INTO COURSE_871 VALUES('MA-2001','PDC',5);

1 row created.

SQL> INSERT INTO COURSE_871 VALUES('MA-2011','CSE',3);

1 row created.

SQL> INSERT INTO COURSE_871 VALUES('MA-2012','MATH',2);

1 row created.

SQL> DESC COURSE_871
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------

 COURSE_ID                                          VARCHAR2(20)
 TITLE                                              VARCHAR2(20)
 CREDIT                                             NUMBER(38)

SQL> SELECT * FROM COURSE_871;

COURSE_ID             TITLE                 CREDIT
--------------------- --------------------- ----------
MA-2001               PDC                        5
MA-2011               CSE                        3
MA-2012               MATH                       2

SQL>
```