Name: Ranchhor Gangopadhyay Roll: 10800218036 Batch:B1

```
SQL> create table student(if int not null primary key, name varchar(20));

Table created.

SQL> desc student;
 Name                                      Null?    Type
 ----------------------------------------- -------- ---------------------------
 IF                                        NOT NULL NUMBER(38)
 NAME                                               VARCHAR2(20)

SQL> alter table student add phone int;

Table altered.

SQL> desc student;
 Name                                      Null?    Type
 ----------------------------------------- -------- ---------------------------
 IF                                        NOT NULL NUMBER(38)
 NAME                                               VARCHAR2(20)
 PHONE                                              NUMBER(38)

SQL> alter table student add email varchar(30);

Table altered.

SQL> desc student;
 Name                                      Null?    Type
 ----------------------------------------- -------- ---------------------------
 IF                                        NOT NULL NUMBER(38)
 NAME                                               VARCHAR2(20)
 PHONE                                              NUMBER(38)
 EMAIL                                              VARCHAR2(30)
```

```
SQL> alter table student modify email varchar(20);

Table altered.

SQL> desc student;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 IF                                        NOT NULL NUMBER(38)
 NAME                                               VARCHAR2(20)
 PHONE                                              NUMBER(38)
 EMAIL                                              VARCHAR2(20)

SQL> alter table student drop column email;

Table altered.

SQL> desc student;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 IF                                        NOT NULL NUMBER(38)
 NAME                                               VARCHAR2(20)
 PHONE                                              NUMBER(38)
```

```
SQL> create table t1(id int primary key , name varchar(30));

Table created.

SQL> insert into t1 values(1, 'a');

1 row created.

SQL> insert into t2 values(2,
  2  'b');
insert into t2 values(2,
            *
ERROR at line 1:
ORA-00942: table or view does not exist


SQL> insert into t1 values(2,'b');

1 row created.

SQL> select * from t1;

        ID NAME
---------- ------------------------------
         1 a
         2 b
```

```
SQL> create table t2(id int, foreign key(id) references t1(id), name varchar(20));

Table created.

SQL> desc  t2;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER(38)
 NAME                                               VARCHAR2(20)

SQL> insert into t2 values(1,'c');

1 row created.

SQL> insert into t2 values(2,'d');

1 row created.

SQL> select * from t2;

        ID NAME
---------- --------------------
         1 c
         2 d

SQL> show databases;
SP2-0158: unknown SHOW option "databases"
SQL> drop table student;

Table dropped.

SQL> drop table t2;

Table dropped.

SQL> drop table t1;

Table dropped.

SQL>
```