FUNCTION

QUERY 1: TABLE CREATION:

SQL> create table phone(phone\_no number(10)primary key,name varchar2(12)not null,address varchar2(10)not null);

Table created.

RESULT 1:

SQL> desc phone;

Name Null? Type

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PHONE\_NO NOT NULL NUMBER(10)

NAME NOT NULL VARCHAR2(12)

ADDRESS NOT NULL VARCHAR2(10)

QUERY 2: INSERTING RECORDS INTO TABLE:

SQL> insert into phone values(1234567890,'Suji','Kanchi');

1 row created.

SQL> insert into phone values(9876543210,'Viji','Kalavai');

1 row created.

RESULT 2:

SQL> select \* from phone;

PHONE\_NO NAME ADDRESS

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1234567890 Suji Kanchi

9876543210 Viji Kalavai

QUERY 3: CREATING FUNCTION (SEARCH ADDRESS):

SQL> create or replace function find\_address(p varchar2) return varchar2 is

2 a varchar2(25);

3 begin

4 select address into a from phone where phone\_no=p;

5 return(a);

6 exception

7 when no\_data\_found then

8 return('phone\_no is invalid');

9 end find\_address;

10 /

Function created.

RESULT 3:

SQL> select find\_address('1234567890')from dual;

FIND\_ADDRESS('1234567890')

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Kanchi

SQL> select find\_address('9876543211')from dual;

FIND\_ADDRESS('9876543211')

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phone\_no is invalid