

Kun Shan

Worksheet

Query Builder

Kun Shan

a

```
create table Restaurant_Locations(  
  rID int,  
  name varchar2(100),  
  street_address varchar2(100),  
  city varchar2(30),  
  state varchar2(10),  
  zipcode number(5),  
  cuisine varchar2(100)  
);
```

b

declare

Script Output x

Query Result x

Task completed in 0.039 seconds

Table RESTAURANT_LOCATIONS dropped.

Table RESTAURANT_LOCATIONS created.

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
:create table Restaurant_Locations(rID int, na...	CSC453	31-JAN-...	SQL	1	0.013
SET serveroutput ON;	CSC453	31-JAN-...	SQL	2	0.018
drop table RESTAURANT_LOCATIONS;	CSC453	31-JAN-...	SQL	1	0.071
:create table Restaurant_Locations(rID int, na...	CSC453	31-JAN-...	Script	1	0.081
declare rid RESTAURANT.RID%type; name RES...	CSC453	31-JAN-...	SQL	1	0.01
select * from RESTAURANT_LOCATIONS;	CSC453	31-JAN-...	SQL	1	0.039

Worksheet

Query Builder

```

-- b
declare
  rid RESTAURANT.RID%type;
  name RESTAURANT.NAME%type;
  street_address varchar2(100);
  city varchar2(30);
  state varchar2(10);
  zipcode number(5);
  cuisine RESTAURANT.CUISINE%type;
cursor BCursor is
  select RID,NAME,
         regexp_substr(ADDRESS,'\\w+ \\w+ \\w+ \\w+') street_address,
         replace(regexp_substr(ADDRESS,'\\w+','),',','') city,
         replace(regexp_substr(ADDRESS,'[a-zA-Z]{2}'),',','') state,
         regexp_substr(ADDRESS,'[0-9]{5}$') zipcode,
         CUISINE
  from RESTAURANT;
begin
  open BCursor;
loop
  fetch BCursor into rid,name,street_address,city,state,zipcode,cuisine;
  if BCursor%found then
    insert into RESTAURANT_LOCATIONS values (
      rid,name,street_address,city,state,zipcode,cuisine);
    DBMS_OUTPUT.PUT_LINE(rid||' '||name||' inserted!');
  end if;
  exit when BCursor%notfound;
end loop;
close BCursor;
end;

```

Script Output x

Query Result x

Task completed in 0.063 seconds

107 Shanghai Terrace inserted!
 108 Jade Court inserted!

PL/SQL procedure successfully completed.

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
declare rid RESTAURANT.RID%type; name RES...	CSC453	31-JAN-...	SQL	2	0.021
create table Restaurant_Locations(rid int, na...	CSC453	31-JAN-...	SQL	1	0.013
SET serveroutput ON;	CSC453	31-JAN-...	SQL	2	0.018
drop table RESTAURANT_LOCATIONS;	CSC453	31-JAN-...	SQL	1	0.071
create table Restaurant_Locations(rid int, na...	CSC453	31-JAN-...	Script	1	0.081
select * from RESTAURANT_LOCATIONS;	CSC453	31-JAN-...	SQL	1	0.039