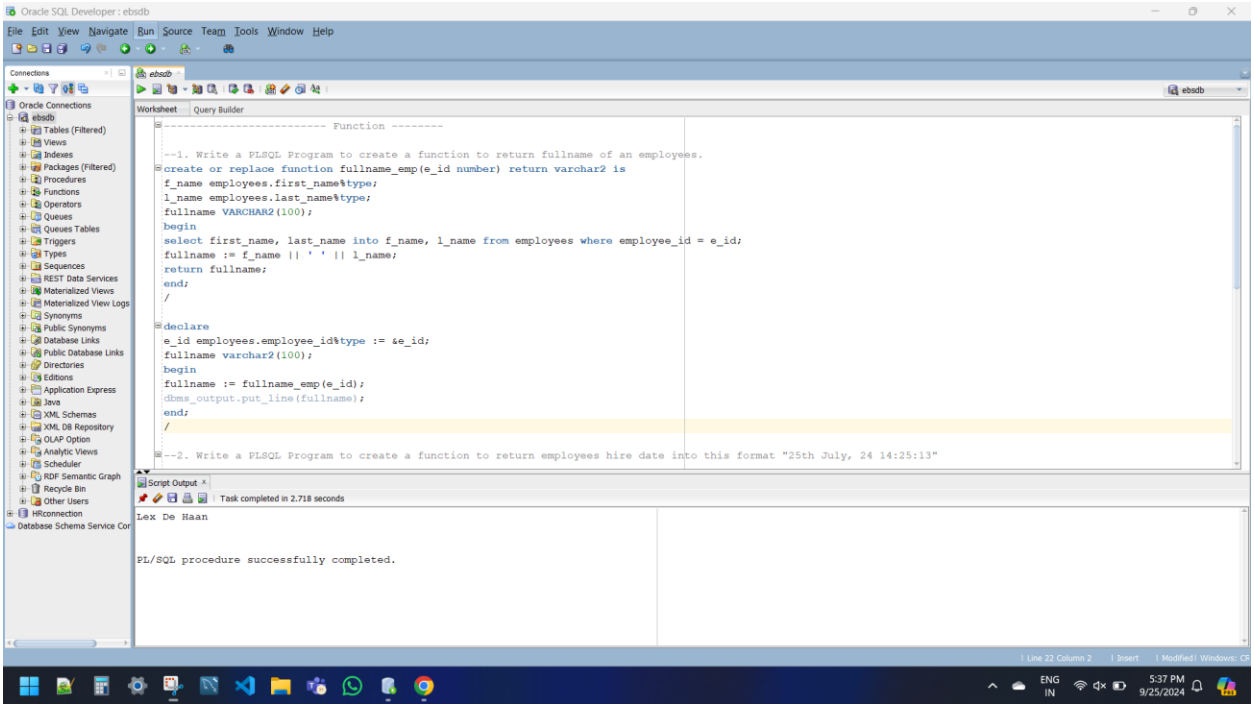
```
------------------------ Function --------
set serveroutput on;
set verify off;
--1. Write a PLSQL Program to create a function to return fullname of an employees.
create or replace function fullname_emp(e_id number) return varchar2 is
f_name employees.first_name%type;
l_name employees.last_name%type;
fullname VARCHAR2(100);
begin
select first_name, last_name into f_name, l_name from employees where employee_id =
e_id;
fullname := f_name || ' ' || l_name;
return fullname;
end;
/

declare
e_id employees.employee_id%type := &e_id;
fullname varchar2(100);
begin
fullname := fullname_emp(e_id);
dbms_output.put_line(fullname);
end;
/
```



--2. Write a PLSQL Program to create a function to return employees hire date into this format "25th July, 24 14:25:13"

create or replace function m_hire_date(e_id number) return VARCHAR2 is

h_date employees.hire_date%type;

r_date VARCHAR2(50);

begin

select hire_Date into h_date from employees where employee_id = e_id;

r_date := to_Char(h_date, 'Ddth Month,YY HH:MM:SS');

RETURN R_date;

end;

/

declare

m_Date varchar2(50);

e_id employees.employee_id%type := &e_id;

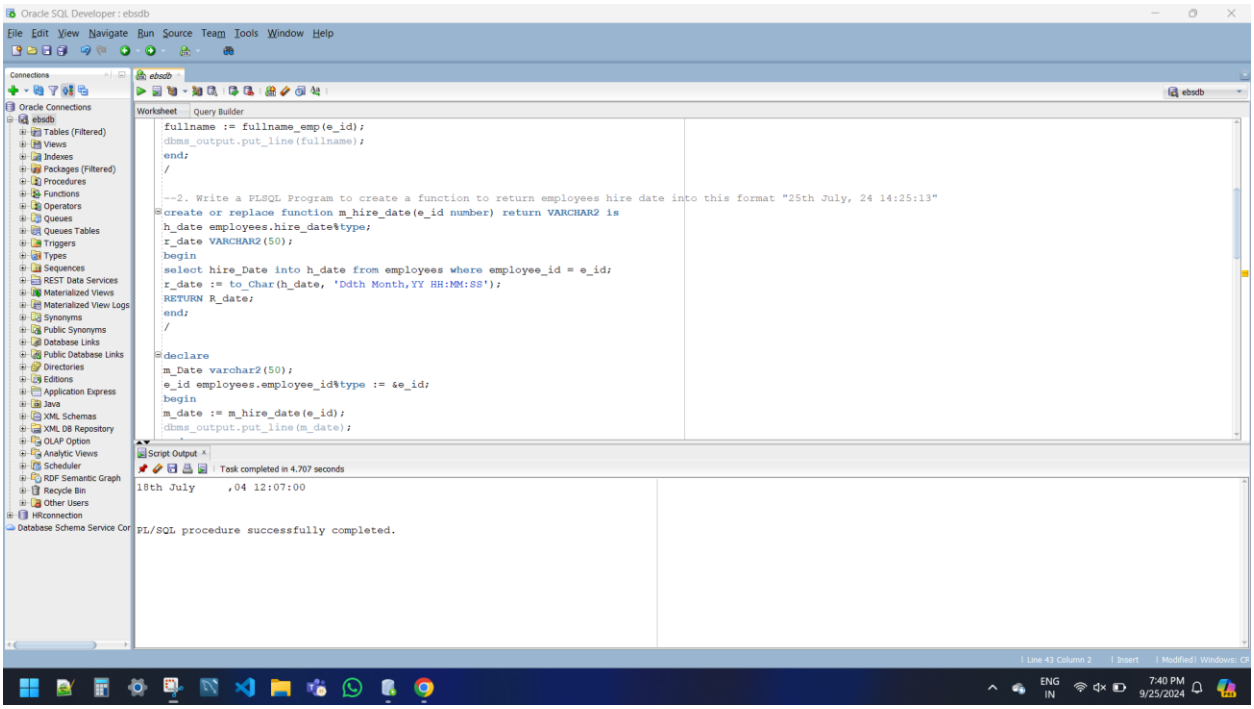
begin

m_date := m_hire_date(e_id);

dbms_output.put_line(m_date);

end;

/



--3. Write a PLSQL Program to create a function to return employee's manager's department name.

select * from employees;

select * from departments;

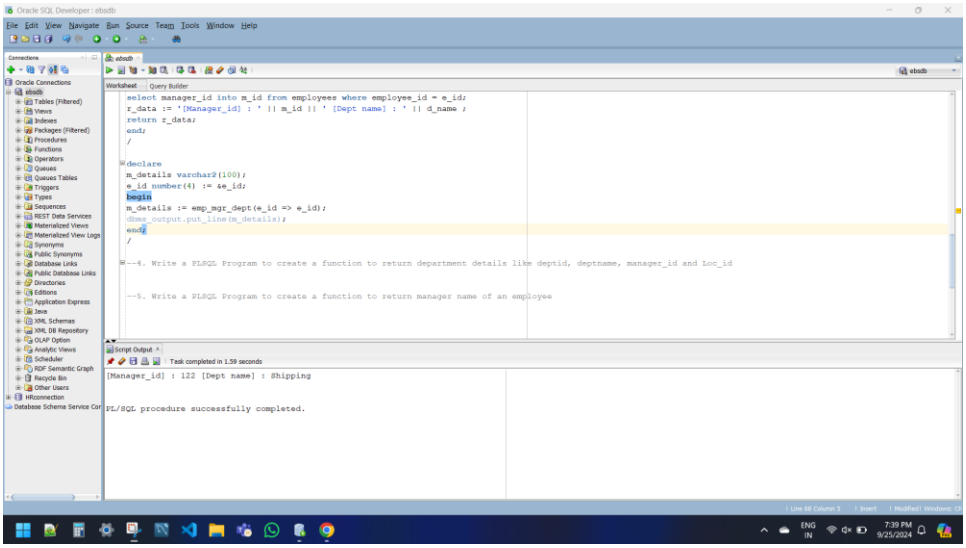
create or replace function emp_mgr_dept(e_id number) return varchar2 is

d_name departments.department_name%type;

m_id employees.manager_id%type;

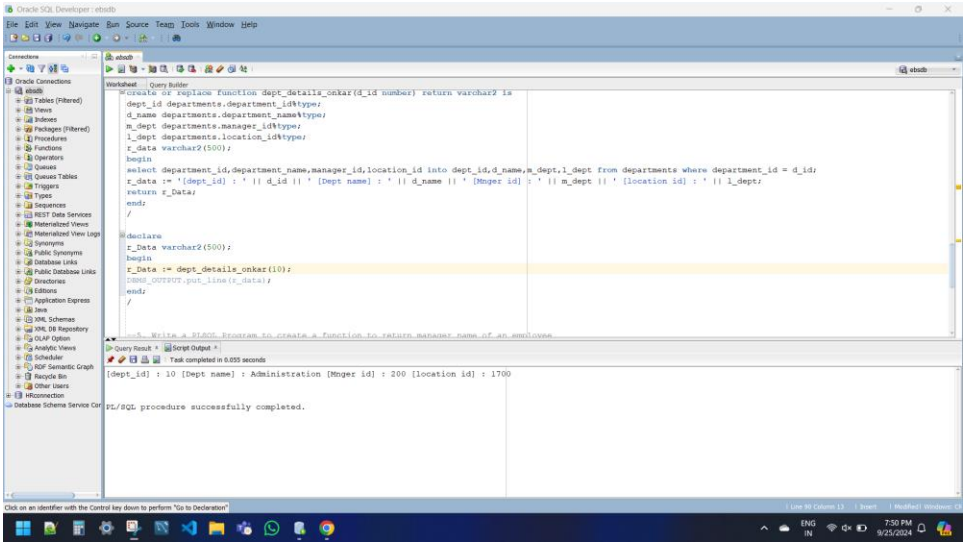
r_data VARCHAR2(100);

```
begin

select department_name into d_name from departments where department_id = (select department_id from employees where employee_id =

(select manager_id from employees where employee_id = e_id));

select manager_id into m_id from employees where employee_id = e_id;

r_data := '[Manager_id] : ' || m_id || ' [Dept name] : ' || d_name ;

return r_data;

end;

/


declare

m_details varchar2(100);

e_id number(4) := &e_id;

begin

m_details := emp_mgr_dept(e_id => e_id);

dbms_output.put_line(m_details);

end;

/
```



--4. Write a PLSQL Program to create a function to return department details like deptid, deptname, manager_id and Loc_id

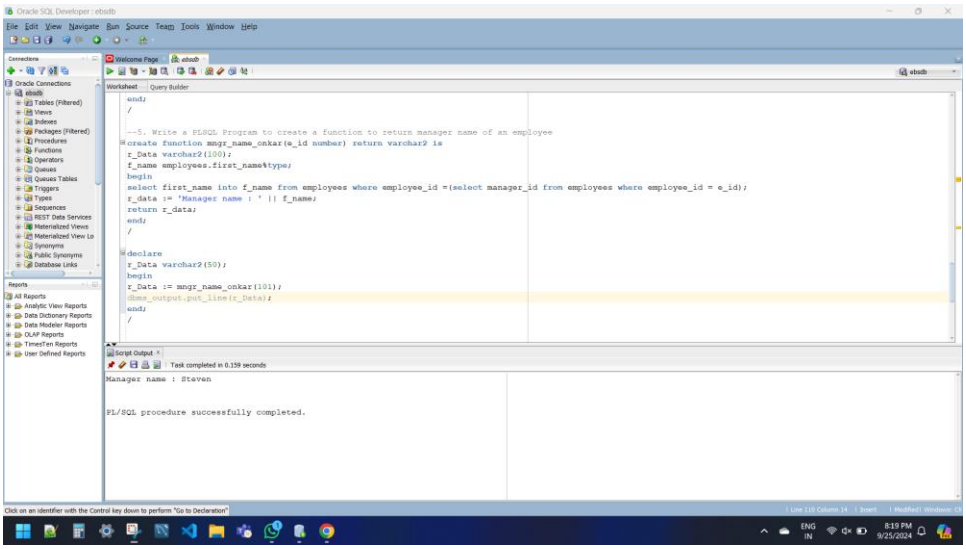
```
select * from departments;


create or replace function dept_details_onkar(d_id number) return varchar2 is

dept_id departments.department_id%type;

d_name departments.department_name%type;

m_dept departments.manager_id%type;

l_dept departments.location_id%type;

r_data varchar2(500);

begin

select department_id,department_name,manager_id,location_id into
dept_id,d_name,m_dept,l_dept from departments where department_id = d_id;

r_data := '[dept_id] : ' || d_id || ' [Dept name] : ' || d_name || ' [Mnger id] : ' || m_dept || '
[location id] : ' || l_dept;

return r_Data;

end;

/


declare

r_Data varchar2(500);

begin

r_Data := dept_details_onkar(10);

DBMS_OUTPUT.put_line(r_data);

end;

/
```



--5. Write a PLSQL Program to create a function to return manager name of an employee

```
create function mngr_name_onkar(e_id number) return varchar2 is
r_Data varchar2(100);
f_name employees.first_name%type;
begin
select first_name into f_name from employees where employee_id =(select manager_id from employees where employee_id = e_id);
r_data := 'Manager name : ' || f_name;
return r_data;
end;
/

declare
r_Data varchar2(50);
begin
r_Data := mngr_name_onkar(101);
dbms_output.put_line(r_Data);
```

```
end;
/
```


--5. Write a PL/SQL Program to create a function to return manager name of an employee
create function mngr_name_onkar(e_id number) return varchar2 is
r_Data varchar2(100);
f_name employees.first_name%type;
begin
select first_name into f_name from employees where employee_id =(select manager_id from employees where employee_id = e_id);
r_data := 'Manager name : ' || f_name;
return r_data;
end;
/
declare
r_Data varchar2(50);
begin
r_Data := mngr_name_onkar(101);
dbms_output.put_line(r_Data);
end;
/
Manager name : Steven
PL/SQL procedure successfully completed.