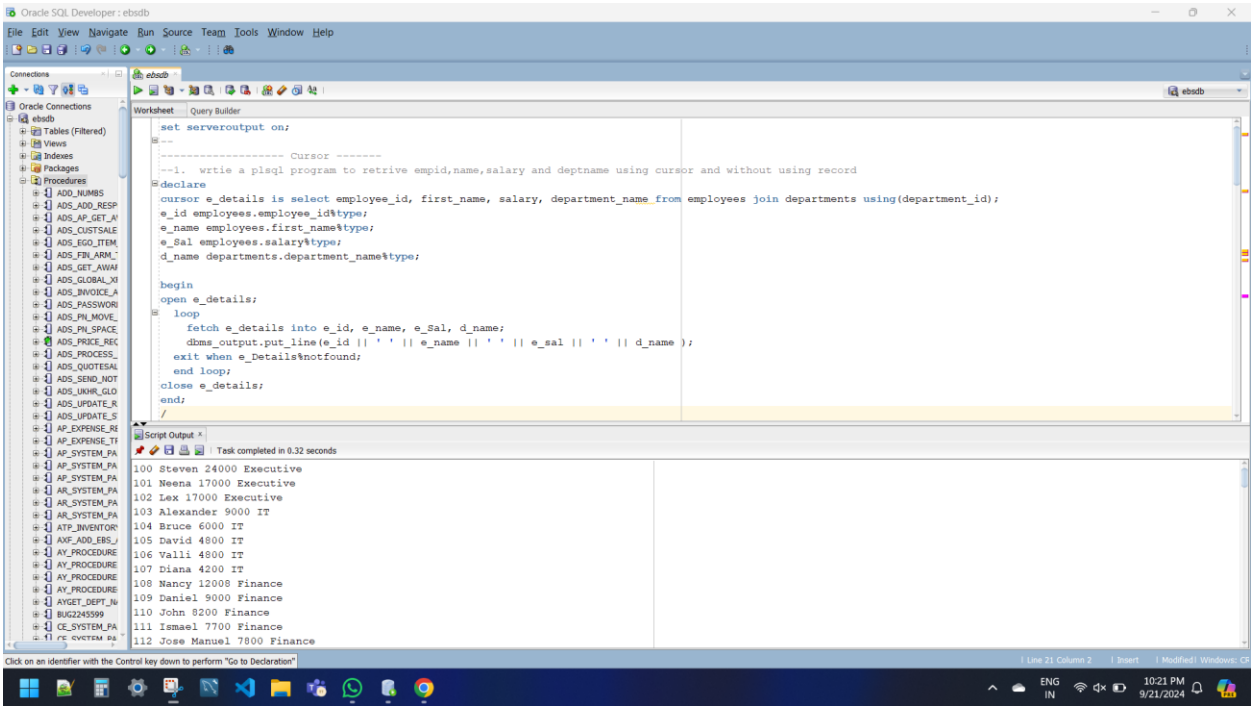
```
set serveroutput on;

---------- Cursor -------

--1.  wrtie a plsql program to retrive empid,name,salary and deptname using cursor and without using record

declare

cursor e_details is select employee_id, first_name, salary, department_name from employees join departments using(department_id);

e_id employees.employee_id%type;

e_name employees.first_name%type;

e_Sal employees.salary%type;

d_name departments.department_name%type;


begin

open e_details;

 loop

  fetch e_details into e_id, e_name, e_Sal, d_name;

  dbms_output.put_line(e_id || ' ' || e_name || ' ' || e_sal || ' ' || d_name );

 exit when e_Details%notfound;

 end loop;

close e_details;

end;

/
```



--2. wrtie a plsql program to retrive empid,name,salary and deptname using cursor and record

declare

cursor e_details is select employee_id, first_name, salary, department_name from employees join departments using(department_id);

type e_rec is record

(

e_id employees.employee_id%type,

e_name employees.first_name%type,

e_Sal employees.salary%type,

d_name departments.department_name%type

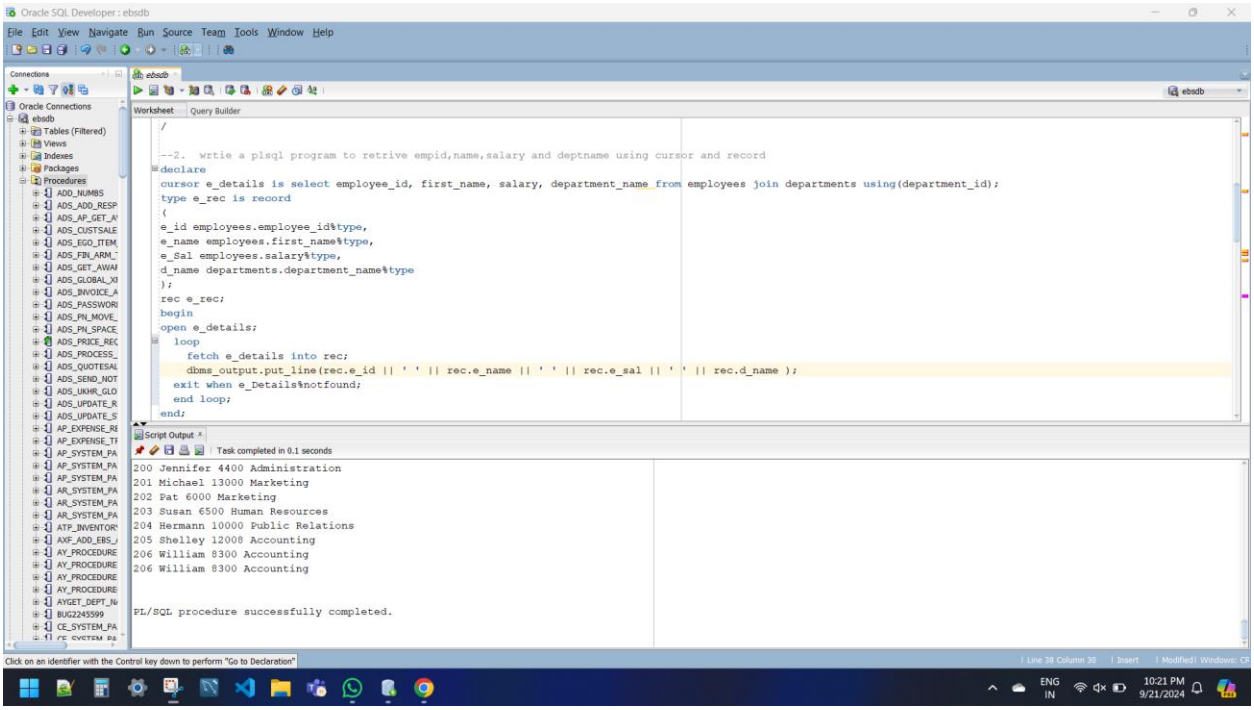
);

rec e_rec;

begin

open e_details;

```
 loop
  fetch e_details into rec;
  dbms_output.put_line(rec.e_id || ' ' || rec.e_name || ' ' || rec.e_sal || ' ' || rec.d_name );
 exit when e_Details%notfound;
 end loop;
end;
/
```



--3. wrtie a plsql program to retrive dept id, deptname and country name using cursor for loop

```
select * from locations;
select * from countries;
declare
cursor e_Details is select department_id, department_name, country_name from departments join locations using(location_id) join countries using(country_id);
begin
```

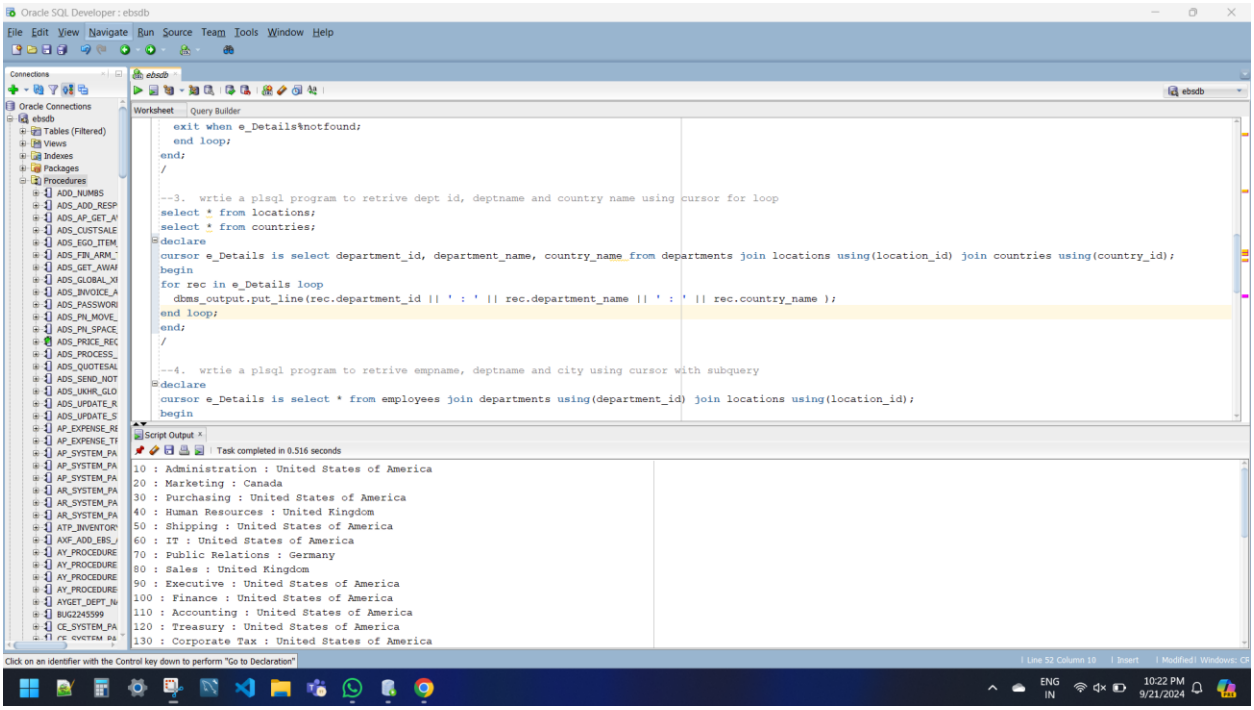
for rec in e_Details loop

dbms_output.put_line(rec.department_id || ' : ' || rec.department_name || ' : ' || rec.country_name);

end loop;

end;

/



--4. wrtie a plsql program to retrive empname, deptname and city using cursor with subquery

declare

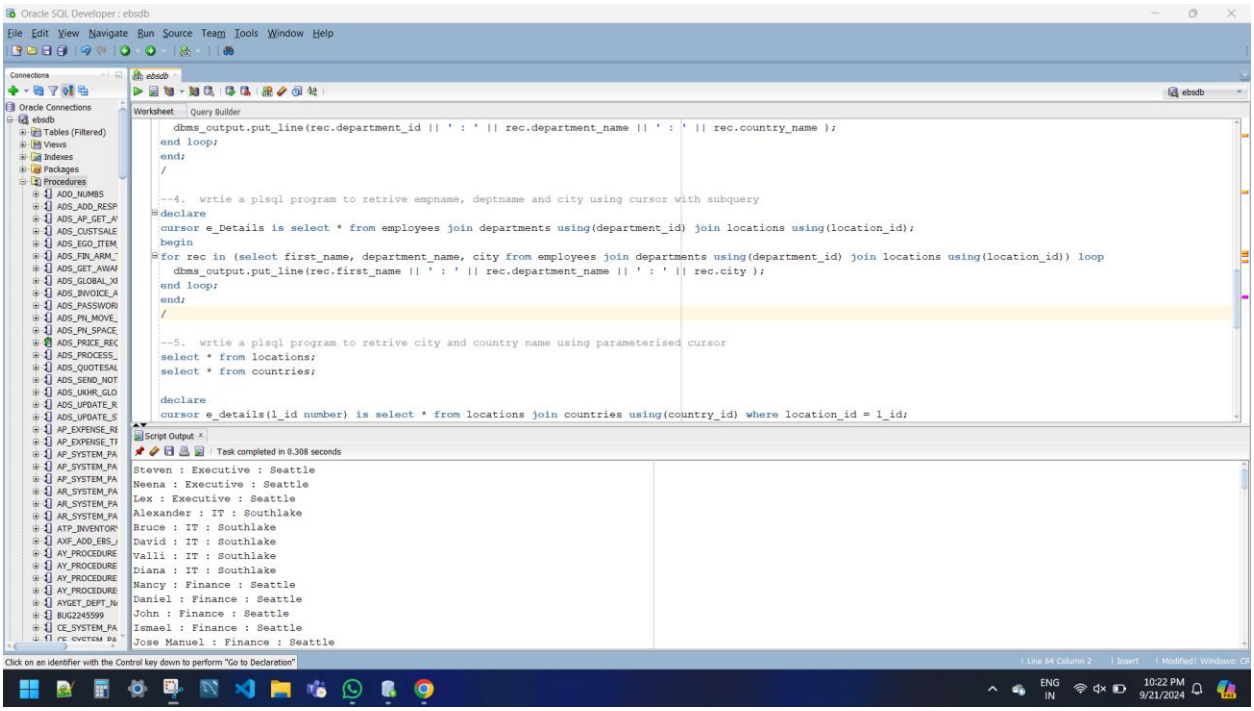
cursor e_Details is select * from employees join departments using(department_id) join locations using(location_id);

begin

for rec in (select first_name, department_name, city from employees join departments using(department_id) join locations using(location_id)) loop

dbms_output.put_line(rec.first_name || ' : ' || rec.department_name || ' : ' || rec.city);

```
end loop;

end;

/
```

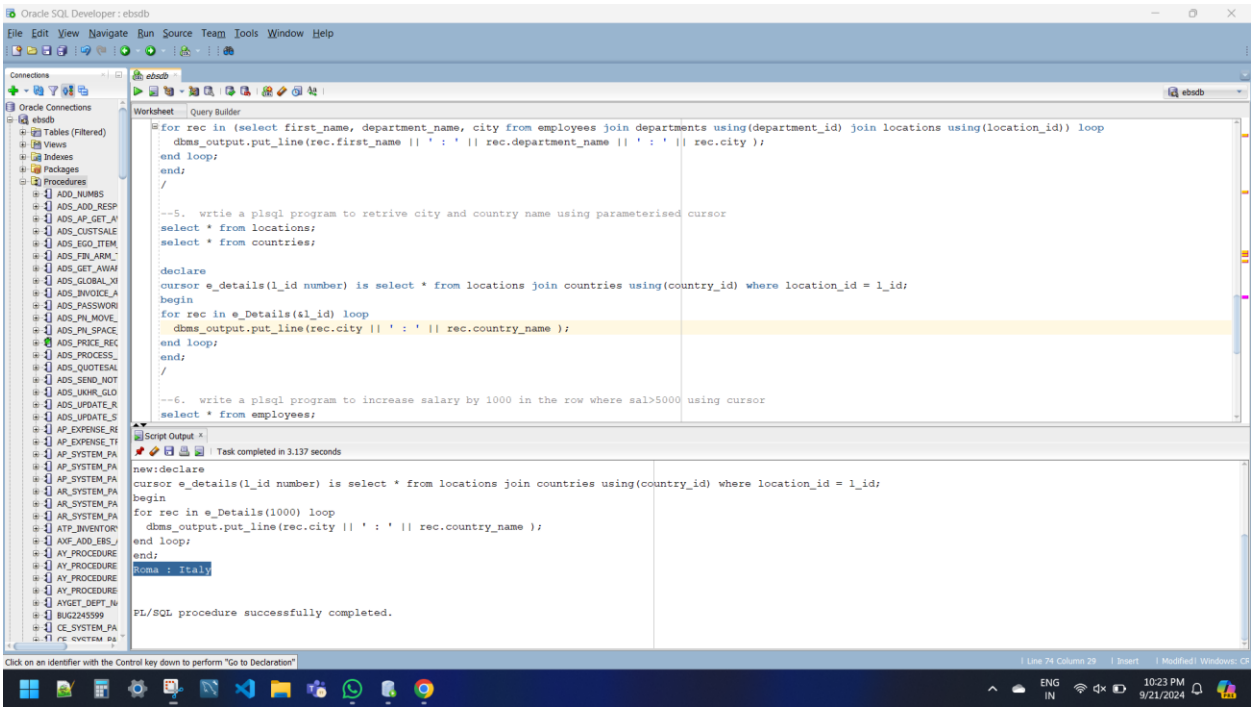


--5. wrtie a plsql program to retrive city and country name using parameterised cursor

```
select * from locations;

select * from countries;


declare

cursor e_details(l_id number) is select * from locations join countries using(country_id) where location_id = l_id;

begin

for rec in e_Details(&l_id) loop

 dbms_output.put_line(rec.city || ' : ' || rec.country_name );

end loop;
```

end;

/



--6. write a plsql program to increase salary by 1000 in the row where sal>5000 using cursor

select * from employees;

declare

cursor increase_sal is select * from employees where salary>5000;

begin

for rec in increase_sal loop

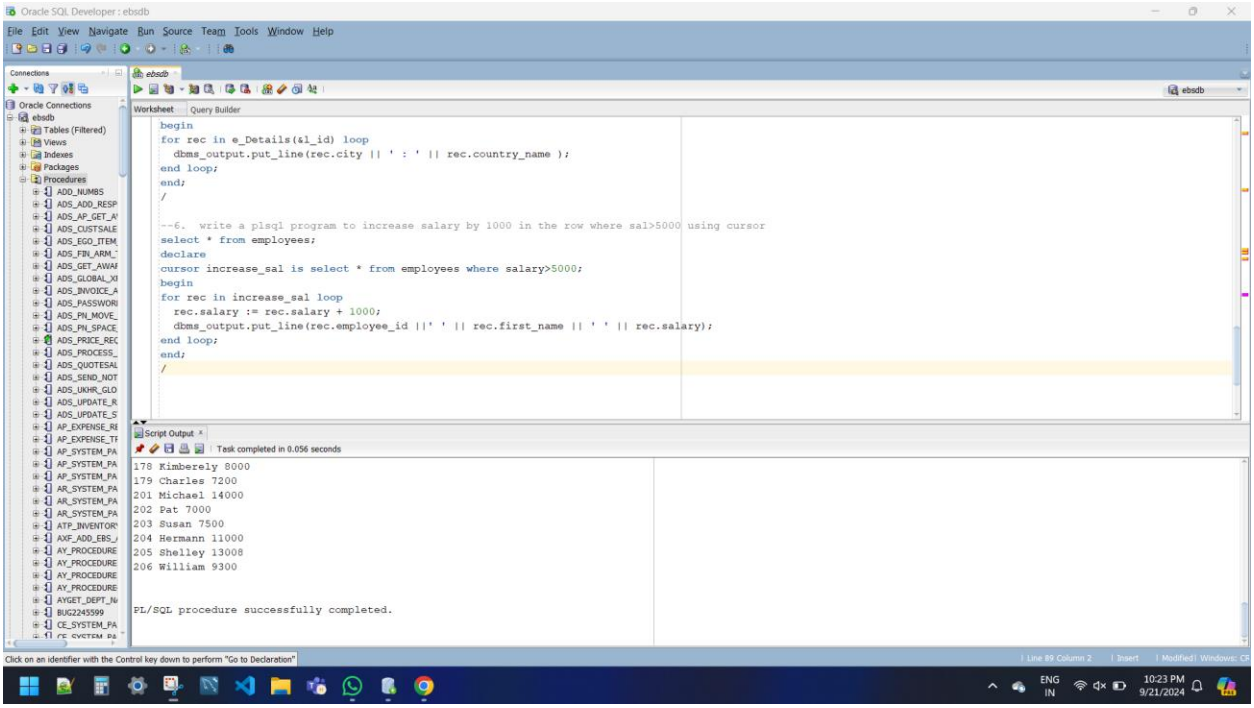
rec.salary := rec.salary + 1000;

dbms_output.put_line(rec.employee_id ||' ' || rec.first_name || ' ' || rec.salary);

end loop;

end;

/


Oracle SQL Developer : ebsdb
File Edit View Navigate Run Source Team Tools Window Help
Connections
Oracle Connections
ebsdb
Tables (Filtered)
Views
Indexes
Packages
Procedures
ADD_NUMBS
ADS_ADD_RESP
ADS_AP_GET_A
ADS_CUSTSALE
ADS_EGO_ITEM_
ADS_FIN_ARM_
ADS_GET_AWAI
ADS_GLOBAL_XI
ADS_INVOICE_A
ADS_PASSWORI
ADS_PN_MOVE_
ADS_PN_SPACE
ADS_PRICE_REC
ADS_PROCESS_
ADS_QUOTESAL
ADS_SEND_NOT
ADS_UKHR_GLO
ADS_UPDATE_R
ADS_UPDATE_S
AP_EXPENSE_RI
AP_EXPENSE_TI
AP_SYSTEM_PA
AR_SYSTEM_PA
ATP_INVENTOR
AXF_ADD_EBS_
AY_PROCEDURE
BUG2245599
CE_SYSTEM_PA
ebsdb
Worksheet
Query Builder
begin
for rec in e_Details(&l_id) loop
dbms_output.put_line(rec.city || ' : ' || rec.country_name);
end loop;
end;
/
--6. write a plsql program to increase salary by 1000 in the row where sal>5000 using cursor
select * from employees;
declare
cursor increase_sal is select * from employees where salary>5000;
begin
for rec in increase_sal loop
rec.salary := rec.salary + 1000;
dbms_output.put_line(rec.employee_id ||' ' || rec.first_name || ' ' || rec.salary);
end loop;
end;
/
Script Output
Task completed in 0.056 seconds
178 Kimberely 8000
179 Charles 7200
201 Michael 14000
202 Pat 7000
203 Susan 7500
204 Hermann 11000
205 Shelley 13008
206 William 9300
PL/SQL procedure successfully completed.
Click on an identifier with the Control key down to perform "Go to Declaration"
Line 89 Column 2
Insert
Modified
Windows: CR
ENG
IN
10:23 PM
9/21/2024