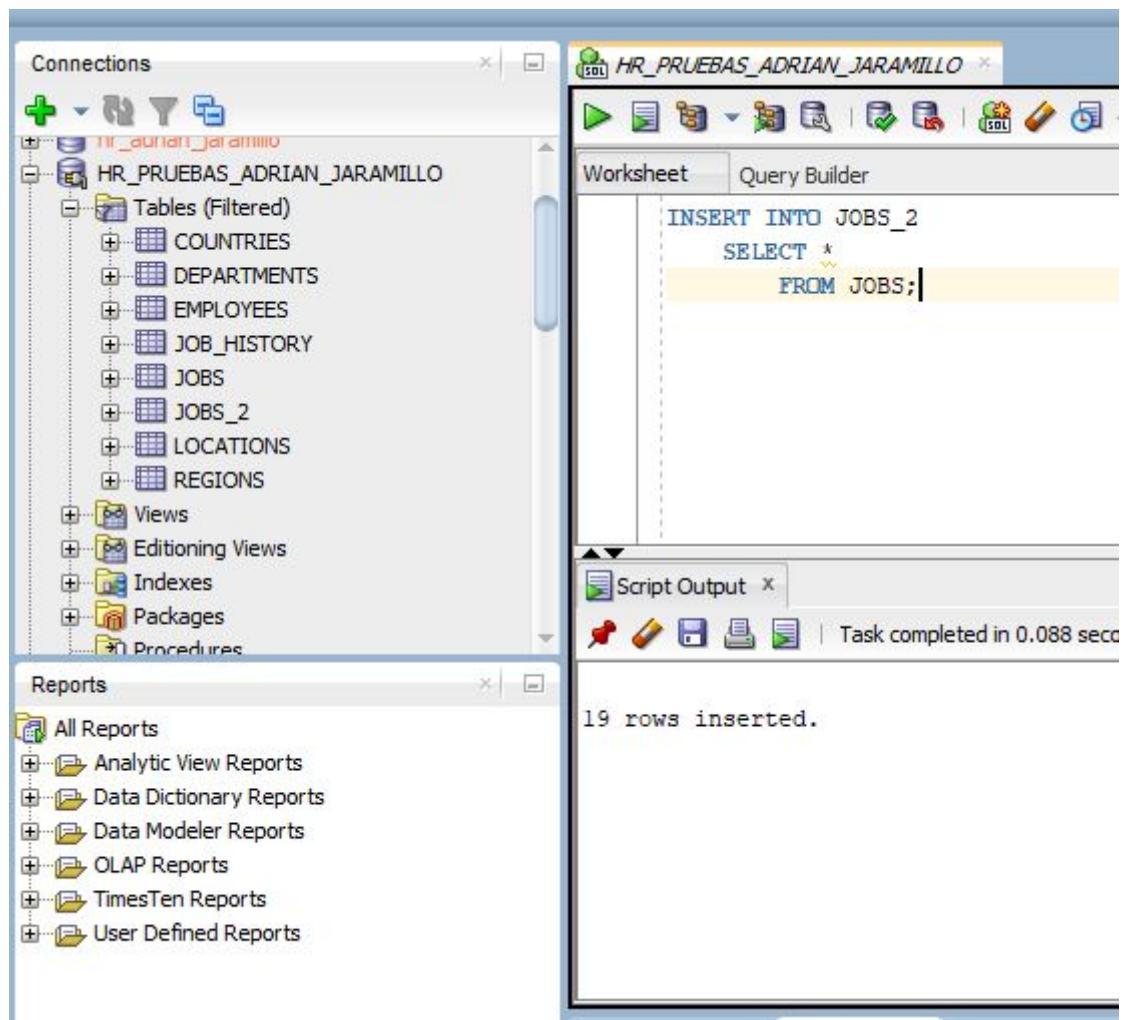


--ACTIVIDAD 1--

--Parte A



--Parte B

The screenshot shows the Oracle SQL Developer interface. On the left, the 'Connections' pane displays a tree view of the 'HR_PRUEBAS_ADRIAN_JARAMILLO' database schema, including tables like COUNTRIES, DEPARTMENTS, EMPLOYEES, JOBS, JOBS_2, LOCATIONS, and REGIONS. The 'Script Output' pane at the bottom shows the execution of an UPDATE statement. The query in the 'Query Builder' pane is:

```
UPDATE JOBS_2 jo
SET total = (SELECT count(j.job_id)
             FROM jobs j
             LEFT JOIN employees e ON j.job_id = e.job_id
             WHERE j.job_id = jo.job_id);
```

The 'Script Output' pane indicates that the task was completed in 0.059 seconds and that 19 rows were updated.

The screenshot shows the Oracle SQL Developer interface. On the left, the 'Connections' pane displays a tree view of the 'HR_PRUEBAS_ADRIAN_JARAMILLO' database schema. The 'Script Output' pane at the bottom shows the execution of a SELECT statement. The query in the 'Query Builder' pane is:

```
select * from jobs_2
```

The 'Script Output' pane indicates that the task was completed in 0.034 seconds. Below the output, a table displays the results of the query:

JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY	TOTAL
AD_PRES	President	20080	40000	1
AD_VP	Administration Vice President	15000	30000	2
AD_ASST	Administration Assistant	3000	6000	1
FI_MGR	Finance Manager	8200	16000	1
FI_ACCOUNT	Accountant	4200	9000	5
AC_MGR	Accounting Manager	8200	16000	1
AC_ACCOUNT	Public Accountant	4200	9000	1
SA_MAN	Sales Manager	10000	20080	5
SA_REP	Sales Representative	6000	12008	30
PM_MGR	Purchasing Manager	8000	16000	1

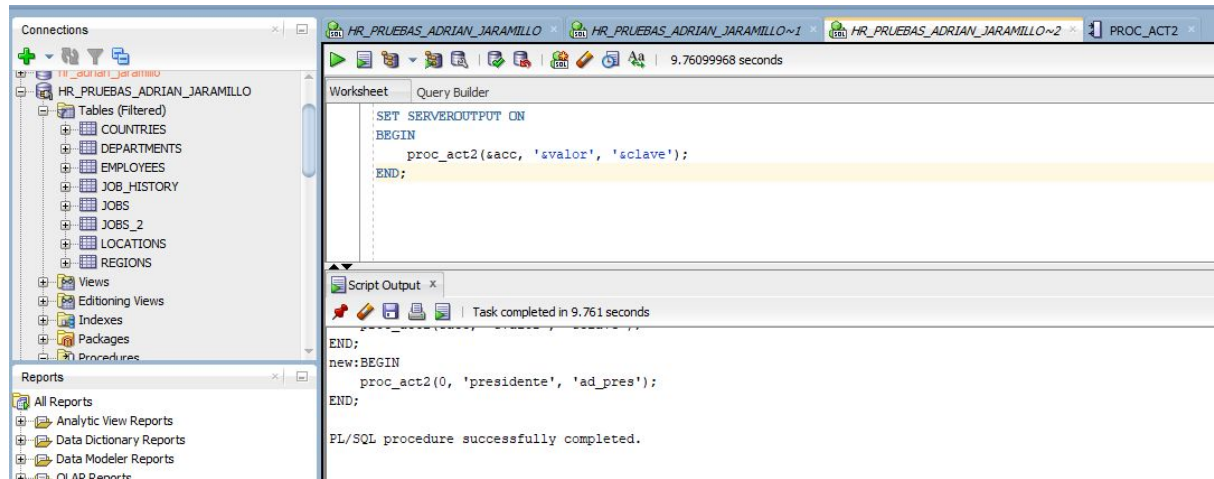
--Parte C

The screenshot shows the Oracle SQL Developer interface. On the left, the 'Connections' pane displays a tree view of the database schema for 'HR_PRUEBAS_ADRIAN_JARAMILLO', including tables like COUNTRIES, DEPARTMENTS, EMPLOYEES, JOB_HISTORY, JOBS, JOBS_2, LOCATIONS, and REGIONS. The 'Reports' pane is also visible. The main window is split into a 'Worksheet' and a 'Query Builder'. The 'Worksheet' tab is active, showing a SQL query: `DELETE FROM JOBS_2;`. The 'Script Output' pane at the bottom shows the execution results: 'Task completed in 0.034 seconds' and '19 rows deleted.'

The screenshot shows the Oracle SQL Developer interface after executing a SELECT query. The 'Connections' and 'Reports' panes are the same as in the previous screenshot. The main window's 'Worksheet' tab now displays the SQL query: `select * from jobs_2`. The 'Script Output' pane at the bottom shows the execution results: 'Task completed in 0.031 seconds' and 'no rows selected'.

--ACTIVIDAD 2--

--TOMADA ACCIÓN 0



The screenshot shows the Oracle SQL Developer interface. The left pane displays the database schema for HR_PRUEBAS_ADRIAN_JARAMILLO, including tables like COUNTRIES, DEPARTMENTS, EMPLOYEES, and JOBS. The right pane shows the execution of a PL/SQL procedure named PROC_ACT2. The script in the Query Builder is as follows:

```
SET SERVEROUTPUT ON
BEGIN
  proc_act2(sacc, 'svalor', 'slave');
END;
```

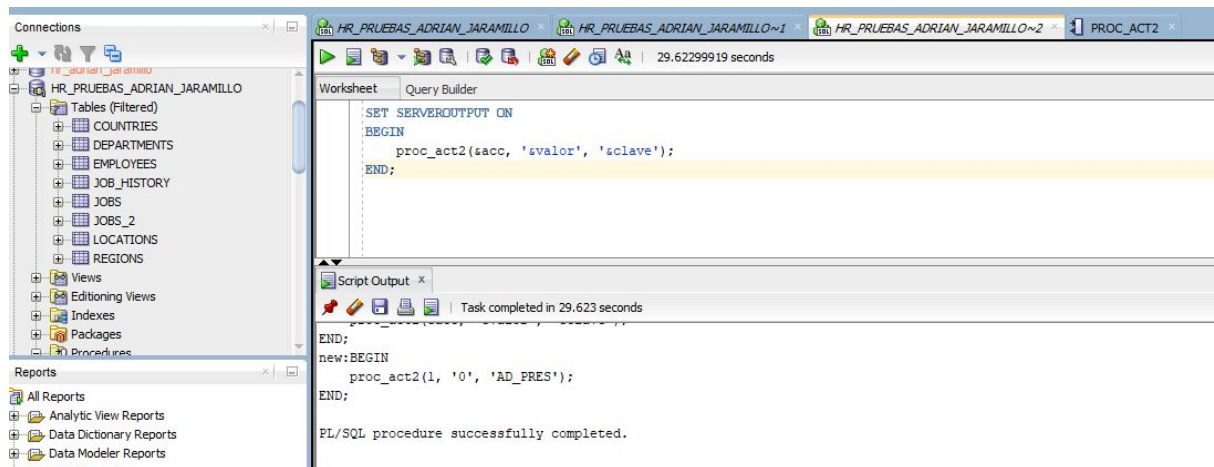
The Script Output pane shows the following output:

```
END;
new:BEGIN
  proc_act2(0, 'presidente', 'ad_pres');
END;

PL/SQL procedure successfully completed.
```

The execution time is 9.76099968 seconds.

--TOMADA ACCIÓN 1



The screenshot shows the Oracle SQL Developer interface. The left pane displays the database schema for HR_PRUEBAS_ADRIAN_JARAMILLO. The right pane shows the execution of a PL/SQL procedure named PROC_ACT2. The script in the Query Builder is as follows:

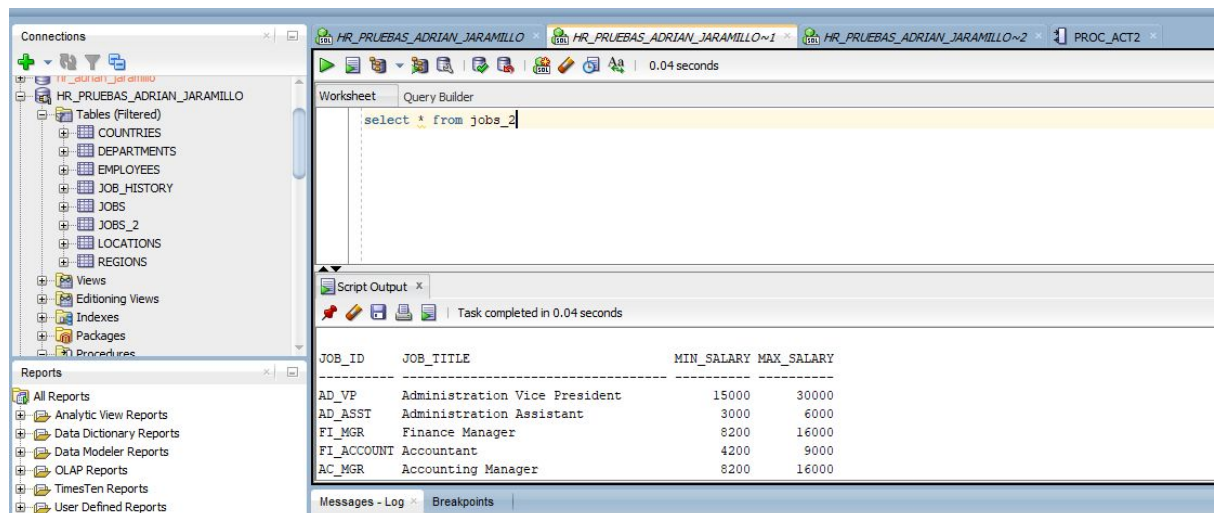
```
SET SERVEROUTPUT ON
BEGIN
  proc_act2(sacc, 'svalor', 'slave');
END;
```

The Script Output pane shows the following output:

```
END;
new:BEGIN
  proc_act2(1, '0', 'AD_PRES');
END;

PL/SQL procedure successfully completed.
```

The execution time is 29.62299919 seconds.



The screenshot shows the Oracle SQL Developer interface. The left pane displays the database schema for HR_PRUEBAS_ADRIAN_JARAMILLO. The right pane shows the execution of a SQL query in the Query Builder:

```
select * from jobs_2
```

The Script Output pane shows the following output:

```
Task completed in 0.04 seconds
```

The results of the query are displayed in a table:

JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY
AD_VP	Administration Vice President	15000	30000
AD_ASST	Administration Assistant	3000	6000
FI_MGR	Finance Manager	8200	16000
FI_ACCOUNT	Accountant	4200	9000
AC_MGR	Accounting Manager	8200	16000

The Messages - Log pane is also visible at the bottom.

SE HA BORRADO EL REGISTRO PRESIDENTE

--TOMADA ACCIÓN CON OTRO VALOR

The screenshot shows the Oracle SQL Developer interface. On the left, the 'Connections' pane is open, showing the 'HR_PRUEBAS_ADRIAN_JARAMILLO' connection. The 'Reports' pane is also visible. The main window displays the 'Query Builder' with the following SQL code:

```
SET SERVEROUTPUT ON
BEGIN
  proc_act2(sacc, 'svalor', 'slave');
END;
```

The 'Script Output' pane shows the execution results:

```
Task completed in 5.079 seconds
END;
new:BEGIN
  proc_act2(9, '8', '5');
END;
El parámetro introducido no es válido
PL/SQL procedure successfully completed.
```

The 'Messages - Log' pane shows the compilation status:

```
Compiled (with errors)
Compiled
Compiled
Compiled
Compiled
Compiled
```

--ACTIVIDAD 3--

The screenshot shows the Oracle SQL Developer interface. On the left, the 'Connections' pane is open, showing the 'HR_PRUEBAS_ADRIAN_JARAMILLO' connection. The 'Reports' pane is also visible. The main window displays the 'Query Builder' with the following SQL code:

```
SET SERVEROUTPUT ON
BEGIN
  proc_act3();
END;
```

The 'Script Output' pane shows the execution results:

```
Task completed in 0.036 seconds
Se han insertado 19 registros
PL/SQL procedure successfully completed.
```


The screenshot shows the Oracle SQL Developer interface. On the left, the 'Connections' pane lists various database objects including PROC_ACT2 and PROC_ACT3. The main window displays a query 'select * from jobs_2' in the 'Query Builder' tab. The 'Script Output' pane shows 'Task completed in 0.023 seconds'. Below this, a table of results is displayed:

JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY	TOTAL
AD_PRES	President	20080	40000	1
AD_VP	Administration Vice President	15000	30000	2
AD_ASST	Administration Assistant	3000	6000	1
FI_MGR	Finance Manager	8200	16000	1
FI_ACCOUNT	Accountant	4200	9000	5

The 'Messages - Log' pane at the bottom shows 'Compiled' and 'Compiled'.

--ACTIVIDAD 4--

The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists PROC_ACT2, PROC_ACT3, and PROC_ACT4. The main window displays a query in the 'Query Builder' tab:

```

SET SERVEROUTPUT ON
BEGIN
  proc_act4();
END;

```

The 'Script Output' pane shows 'Task completed in 0.086 seconds'. Below this, the 'Messages - Log' pane displays the following error messages:

```

ORA-06550: line 2, column 5:
PLS-00905: object HR_PRUEBAS_ADRIAN_JARAMILLO.PROC_ACT4 is invalid
ORA-06550: line 2, column 5:
PL/SQL: Statement ignored
06550. 00000 - "line %s, column %s:\n%s"
*Cause:          Usually a PL/SQL compilation error.
*Action:

```