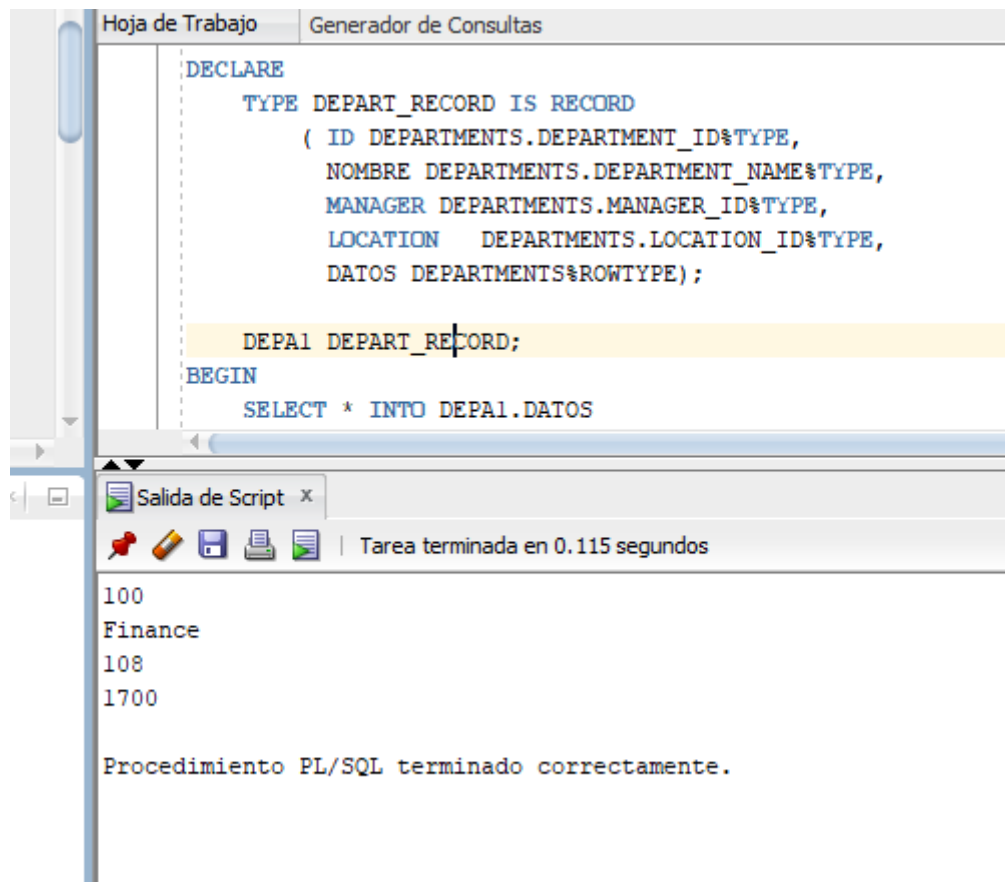


PRACTICA RECORDS PL/SQL

1. Crear un bloque PL/SQL que muestre toda la información del departamento con ID 100 por medio de un RECORD, que tenga un campo principal de tipo %rowtype llamado DATOS y creando los campos (ID,NOMBRE,MANAGER,LOCATION).



The screenshot shows the Oracle SQL Developer interface. The main window is titled 'Hoja de Trabajo' and 'Generador de Consultas'. It contains a PL/SQL block with the following code:

```
DECLARE
    TYPE DEPART_RECORD IS RECORD
    ( ID DEPARTMENTS.DEPARTMENT_ID%TYPE,
      NOMBRE DEPARTMENTS.DEPARTMENT_NAME%TYPE,
      MANAGER DEPARTMENTS.MANAGER_ID%TYPE,
      LOCATION DEPARTMENTS.LOCATION_ID%TYPE,
      DATOS DEPARTMENTS%ROWTYPE);

    DEPA1 DEPART_RECORD;
BEGIN
    SELECT * INTO DEPA1.DATOS
```

Below the code editor, there is a 'Salida de Script' (Script Output) window. It displays the results of the query, showing the department ID 100 and its details: Finance, 108, and 1700. The output also includes a message: 'Procedimiento PL/SQL terminado correctamente.'

```
100
Finance
108
1700

Procedimiento PL/SQL terminado correctamente.
```

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The screenshot shows the Oracle SQL Developer interface. The main window is titled 'Hoja de Trabajo' and 'Generador de Consultas'. It contains a PL/SQL script that inserts data from the 'DEPARTMENTS' table into a table named 'DEPA1'. The script uses a cursor to fetch data for department ID 100 and then inserts it into 'DEPA1'. The output window, titled 'Salida de Script', shows the results of the script execution, indicating that the task was completed in 0.115 seconds. The output displays the department ID (100), the department name (Finance), the manager ID (108), and the location (1700).

```

DATOS DEPARTMENTS%ROWTYPE);

DEPA1 DEPART_RECORD;

BEGIN
  SELECT * INTO DEPA1.DATOS
  FROM DEPARTMENTS WHERE DEPARTMENT_ID = 100;
  DEPA1.ID:= DEPA1.DATOS.DEPARTMENT_ID;
  DEPA1.NOMBRE:= DEPA1.DATOS.DEPARTMENT_NAME;
  DEPA1.MANAGER:= DEPA1.DATOS.MANAGER_ID;
  DEPA1.LOCATION:= DEPA1.DATOS.LOCATION_ID;
  DBMS_OUTPUT.PUT_LINE(DEPA1.ID);
  DBMS_OUTPUT.PUT_LINE(DEPA1.NOMBRE);
  DBMS_OUTPUT.PUT_LINE(DEPA1.MANAGER);
  DBMS_OUTPUT.PUT_LINE(DEPA1.LOCATION);

END;
```

Salida de Script x

Tarea terminada en 0.115 segundos

100
Finance
108
1700