

Compte Rendu SQL par Rochdi Mohamed Amine & Ayoub Majid

```
1 SET SERVEROUTPUT ON
2
3 DECLARE
4     v_client_name E_CLIENT.NOM%TYPE;
5     v_client_city E_CLIENT.VILLE%TYPE;
6     v_client_number E_CLIENT.NO%TYPE;
7     v_input_client_number NUMBER(4);
8 BEGIN
9     SELECT NOM, VILLE INTO v_client_name, v_client_city
10    FROM E_CLIENT
11   WHERE NO = 3;
12
13    DBMS_OUTPUT.PUT_LINE('Client Number 3 - Name: ' || v_client_name || ', City: ' || v_client_city);
14
15    FOR client_rec IN (SELECT NO, NOM, VILLE FROM E_CLIENT) LOOP
16        DBMS_OUTPUT.PUT_LINE('Client Number: ' || client_rec.NO || ', Name: ' || client_rec.NOM || ', City: ' || client_rec.VILLE);
17    END LOOP;
18
19    FOR rabat_client_rec IN (SELECT NO, NOM, VILLE FROM E_CLIENT WHERE VILLE = 'Rabat') LOOP
20        DBMS_OUTPUT.PUT_LINE('Client Number: ' || rabat_client_rec.NO || ', Name: ' || rabat_client_rec.NOM || ', City: ' || rabat_client_rec.VILLE);
21    END LOOP;
22
23    DBMS_OUTPUT.PUT('Enter a client number to check existence: ');
24    v_input_client_number := &input;
25
26    SELECT COUNT(*) INTO v_client_number
27    FROM E_CLIENT
28   WHERE NO = v_input_client_number;
29
30    IF v_client_number > 0 THEN
31        DBMS_OUTPUT.PUT_LINE('Client with Number ' || v_input_client_number || ' exists.');
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32    ELSE
33        DBMS_OUTPUT.PUT_LINE('Client with Number ' || v_input_client_number || ' does not exist.');
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34    END IF;
35
36    DBMS_OUTPUT.PUT_LINE('Enter a client number to display information: ');
37    v_input_client_number := &input;
38
39    SELECT NO, NOM, VILLE INTO v_client_number, v_client_name, v_client_city
40    FROM E_CLIENT
41   WHERE NO = v_input_client_number;
42
43    DBMS_OUTPUT.PUT_LINE('Client Number: ' || v_client_number || ', Name: ' || v_client_name || ', City: ' || v_client_city);
44 END;
45 /
46
```

```
Enter value for input: 4
old 22:         v_input_client_number := &input;
new 22:         v_input_client_number := 4;
Enter value for input: 5
old 35:         v_input_client_number := &input;
new 35:         v_input_client_number := 5;
Client Number 3 - Name: Miliani, City: Casa
Client Number: 1, Name: Idrissi, City: Rabat
Client Number: 2, Name: Soufiani, City: Rabat
Client Number: 3, Name: Miliani, City: Casa
Client Number: 4, Name: Zamouri, City: Casa
Client Number: 5, Name: Saidi, City: Fes
Client Number: 6, Name: Doukkali, City: Rabat
Client Number: 7, Name: Idrissi, City: Casa
Client Number: 8, Name: Zahraoui, City: Rabat
Client Number: 9, Name: Andaloussi, City: Tanger
Client Number: 10, Name: Redouani, City: Marrakech
Client Number: 11, Name: Meknassi, City: Rabat
Client Number: 12, Name: Charel, City: Paris
Client Number: 13, Name: Jouve, City: Toulouse
Client Number: 1, Name: Idrissi, City: Rabat
Client Number: 2, Name: Soufiani, City: Rabat
Client Number: 6, Name: Doukkali, City: Rabat
Client Number: 8, Name: Zahraoui, City: Rabat
Client Number: 11, Name: Meknassi, City: Rabat
Enter a client number to check existence: Client with Number 4 exists.
Enter a client number to display information:
Client Number: 5, Name: Saidi, City: Fes

PL/SQL procedure successfully completed.
```