



# **UNIVERSIDAD AUTÓNOMA DE CHIHUAHUA**

## **FACULTAD DE CONTADURÍA Y ADMINISTRACIÓN**

### **Base de datos**

### **PL/SQL**

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## Ejercicio 1

The screenshot shows a SQL Worksheet interface with the following details:

- Script Area:** Displays a PL/SQL block.

```
1  DECLARE
2  |    v_num  number(3);
3  BEGIN
4  |      FOR v_num in 1..100 Loop
5  |        dbms_output.put_line(v_num);
6  |      End Loop;
7 END;
```
- Output Area:** Shows the results of the execution.

```
88
89
90
91
92
93
94
95
96
97
98
99
100
```

PL/SQL procedure successfully completed.

Elapsed: 00:00:00.005

## Ejercicio 2

The screenshot shows a SQL Worksheet interface with the following details:

- Code Area:** Displays a PL/SQL block. The code declares variables `v_num`, `c_base_num`, `v_seven_num`, and `v_seven_sum`. It initializes `c_base_num` to 7, `v_seven_num` to 0, and `v_seven_sum` to 0. A loop iterates from 1 to 500. Inside the loop, it prints each number and checks if it's a multiple of 7 using `MOD(v_num, c_base_num) = 0`. If true, it increments `v_seven_num` by 1 and adds `v_num` to `v_seven_sum`. After the loop, it prints the count of multiples and the sum of all multiples.
- Output Area:** Shows the results of the execution:
  - Numbers 492 through 500 are listed.
  - The output shows "Cantidad de multiplos de 7: 71" and "Suma de los multiplos de 7: 17892".
  - A message at the bottom states "PL/SQL procedure successfully completed."
  - The elapsed time is shown as "Elapsed: 00:00:00.007".