

```

-- 1
/*For*/
SET SERVEROUTPUT ON;
DECLARE
    v_i NUMBER;
BEGIN
    FOR v_i IN 8..507 LOOP
        INSERT INTO genre VALUES (v_i, 'GENRE' || TO_CHAR(v_i));
    END LOOP;
END;
/

/*Loop*/
SET SERVEROUTPUT ON;
DECLARE
    v_i NUMBER;
BEGIN
    v_i := 8;
    LOOP
        INSERT INTO genre VALUES (v_i, 'GENRE' || TO_CHAR(v_i));
        EXIT WHEN v_i = 507;
        v_i := v_i + 1;
    END LOOP;
END;
/

/*While*/
SET SERVEROUTPUT ON;
DECLARE
    v_i NUMBER;
BEGIN
    v_i := 8;
    WHILE v_i <= 507 LOOP
        INSERT INTO genre VALUES (v_i, 'GENRE' || TO_CHAR(v_i));
        v_i := v_i + 1;
    END LOOP;
END;
/

--2
/*COUNT(*)*/
SET SERVEROUTPUT ON;
DECLARE
    v_num NUMBER;
BEGIN
    SELECT COUNT(*) INTO v_num FROM genre WHERE libellegenre LIKE 'GENRE%';
    dbms_output.put_line('Nb lignes : ' || TO_CHAR(v_num));
END;
/

/*Curseur*/
SET SERVEROUTPUT ON;
DECLARE
    v_num NUMBER := 0;
    CURSOR cGenre IS
        SELECT * FROM genre WHERE libellegenre LIKE 'GENRE%';
BEGIN
    FOR vGenre in cGenre LOOP
        v_num := v_num+1;
    END LOOP;
    dbms_output.put_line('Nb lignes : ' || TO_CHAR(v_num));
END;
/

--3
DECLARE
    v_num NUMBER;
    CURSOR salle_sup IS
        SELECT numcinema, numsalle FROM salle
        JOIN cinema USING (numcinema)
        WHERE nom = 'Utopia'

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MINUS (  
    SELECT numcinema, numsalle FROM programmation  
    JOIN cinema USING (numcinema)  
    WHERE nom = 'Utopia'  
);  
  
BEGIN  
    FOR v_num IN salle_sup LOOP  
        DELETE FROM salle  
        WHERE salle.numsalle = v_num.numsalle AND salle.numcinema = v_num.numcinema;  
    END LOOP;  
END;  
/  
  
--4  
DECLARE  
    CURSOR rec IS  
        SELECT titre, budget FROM film  
        ORDER BY budget DESC;  
    v_i NUMBER := 1;  
BEGIN  
    FOR j IN rec LOOP  
        IF v_i < 6 THEN  
            DBMS_OUTPUT.PUT_LINE('Classement : ' || TO_CHAR(v_i) || ' - Nom : ' || j.titre || ' -  
            Budget : ' || j.budget);  
        END IF;  
        v_i := v_i + 1;  
    END LOOP;  
END;  
/
```