**--Exercice1**

DECLARE

a\_ NUMBER :=1;

b\_ NUMBER :=2;

c\_ NUMBER;

BEGIN

c\_ = b\_;

b\_ = a\_;

a\_ = c\_;

DBMS\_OUTPUT.PUT\_LINE('a= '||a\_||'b= '||b\_);

END;

/

**--Exercice2**

DECLARE

a\_ NUMBER :=10;

fact NUMBER :=1;

BEGIN

LOOP

fact := fact\*a\_;

a\_ :=a\_-1;

EXIT WHEN a\_<=0;

END LOOP;

DBMS\_OUTPUT.PUT\_LINE(fact);

END;

/

**--Exercice3**

DECLARE

v\_id NUMBER :=270;

BEGIN

INSERT INTO DEPARTMENTS

VALUES(v\_id+10,'Admin',NULL,NULL);

COMMIT;

END;

/

select \* from departments;

**--Exercice4**

DECLARE

v\_id\_service NUMBER;

BEGIN

SELECT MAX(department\_id)

INTO v\_id\_service

FROM DEPARTMENTS;

DBMS\_OUTPUT.PUT\_LINE(v\_id\_service);

END;

/

**--Exercice5**

SELECT \* FROM DEPARTMENTS

WHERE department\_id=280 ;

**--Exercice6**

DECLARE

v\_id NUMBER :=280;

BEGIN

UPDATE DEPARTMENTS

SET location\_id=2500

WHERE department\_id=v\_id;

END;

/

SELECT \* FROM departments WHERE location\_id=2500;

**--Exercice7**

ACCEPT ename PROMPT 'Entrer le nom: '

DECLARE

e\_first\_name VARCHAR2(20);

BEGIN

SELECT first\_name

INTO e\_first\_name

FROM EMPLOYEES

WHERE last\_name = '&ename';

DBMS\_OUTPUT.PUT\_LINE('Le nom de manager est '|| e\_first\_name);

END;

/

select \* from employees;

**--Exercice8:**

DECLARE

v\_last\_name employees.last\_name%TYPE;

v\_first\_name employees.first\_name%TYPE;

CURSOR emp\_cursor IS

SELECT last\_name, first\_name

FROM EMPLOYEES

ORDER BY hire\_date DESC;

BEGIN

FOR ia IN emp\_cursor LOOP

EXIT WHEN emp\_cursor%ROWCOUNT>10;

DBMS\_OUTPUT.PUT\_LINE(ia.last\_name);

END LOOP;

END;

/

**--Exercice9:**

DECLARE

v\_last\_name employees.last\_name%TYPE;

v\_first\_name employees.first\_name%TYPE;

CURSOR emp\_cursor IS

SELECT last\_name, first\_name

FROM EMPLOYEES

WHERE department\_id=30;

som NUMBER :=0;

BEGIN

FOR ia IN emp\_cursor LOOP

EXIT WHEN emp\_cursor%NOTFOUND;

som := som+1;

END LOOP;

DBMS\_OUTPUT.PUT\_LINE(som);

END;

/

**--Exercice10:**

DECLARE

v\_salary employees.salary%TYPE;

v\_name employees.last\_name%TYPE ;

BEGIN

v\_salary :=6000;

v\_name :='Fay';

IF v\_salary<3000 THEN

v\_salary:= v\_salary+500;

UPDATE EMPLOYEES

SET salary=v\_salary;

DBMS\_OUTPUT.PUT\_LINE(v\_name||'s salary updated');

ELSIF v\_salary>3000 THEN

DBMS\_OUTPUT.PUT\_LINE(v\_name||' earns '|| v\_salary);

END IF;

END;

/

**--Exercice11:**

1.a/

SELECT NomS, Horaire

FROM Salle

WHERE Titre='Les misérables';

b/

SELECT acteur

FROM Film

WHERE Titre IN (SELECT Titre FROM Film);

C/

SELECT a.Amateur

FROM Aime a, Vu v

WHERE a.Titre=v.Titre;