Université Moulay Ismail
Faculté des Sciences et Techniques
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Filière Cycle d'Ingénieur GI
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Série 3 TP 1– Corrigé

Exercice 1 & 2 :

Scripts: https://github.com/DgrinderHZ/TD-CI-GI-FSTE---Answers
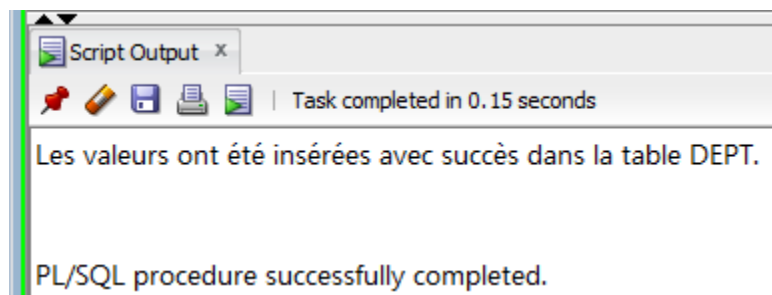
1.
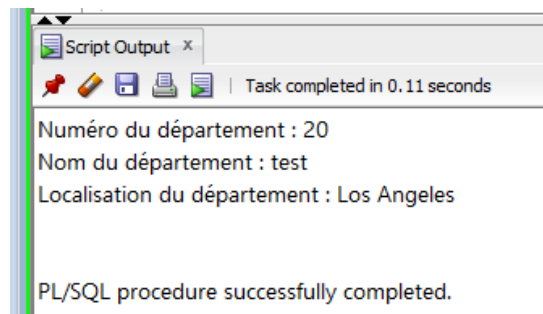
2.

Exercice 3 :

- Lancer SQL*Plus :

```
C:\Oracle21c\dbhomeXE\bin\sqlplus.exe                    —   □   ×
Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle.  All rights reserved.

Enter user-name: /as sysdba

Connected to:
Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> connect
Enter user-name: root/root@//localhost:1521/xepdb1
Connected.
```

- Après connexion créer vous variables (bind variables syntaxe) :

```
C:\Oracle21c\dbhomeXE\bin\sqlplus.exe                    —   □   ×
SQL> VARIABLE bv_deptno NUMBER;
SQL> VARIABLE bv_dname VARCHAR2(50);
SQL> VARIABLE bv_loc VARCHAR2(50);
```

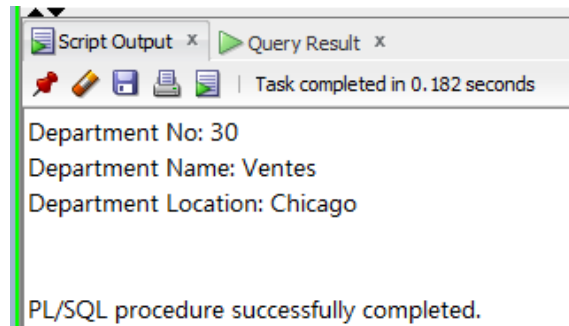- Affecter les valeurs :

```
C:\Oracle21c\dbhomeXE\bin\sqlplus.exe                    —   □   ×

SQL> EXEC :bv_deptno := 70;

PL/SQL procedure successfully completed.

SQL> EXEC :bv_dname := 'Finance';

PL/SQL procedure successfully completed.

SQL> EXEC :bv_loc := 'Rabat';

PL/SQL procedure successfully completed.
```

- Bloc SQL*Plus :

```
SQL> SET SERVEROUTPUT ON;
SQL>
SQL> DECLARE
  2         v_deptno NUMBER   := :bv_deptno;
  3         v_dname VARCHAR2(30)   := :bv_dname;
  4         v_loc VARCHAR2(30)   := :bv_loc;
  5  BEGIN
  6         -- Affichage des valeurs des variables PL/SQL
  7         DBMS_OUTPUT.PUT_LINE('v_deptno : ' || v_deptno);
  8         DBMS_OUTPUT.PUT_LINE('v_dname : ' || v_dname);
  9         DBMS_OUTPUT.PUT_LINE('v_loc : ' || v_loc);
 10    END;
 11  /
v_deptno : 70
v_dname : Finance
v_loc : Rabat

PL/SQL procedure successfully completed.
```
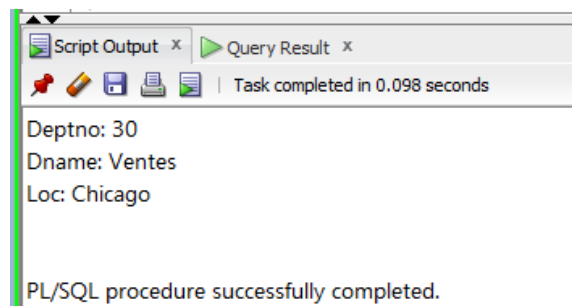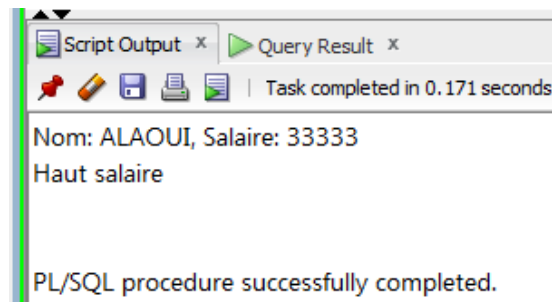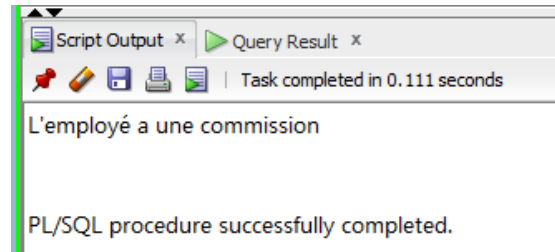
Exercice 4 :

Scripts: https://github.com/DgrinderHZ/TD-CI-GI-FSTE---Answers

Exercice 5 :

Scripts: https://github.com/DgrinderHZ/TD-CI-GI-FSTE---Answers

Exercice 6 :

Scripts: https://github.com/DgrinderHZ/TD-CI-GI-FSTE---Answers

Exercice 7 :

Scripts: https://github.com/DgrinderHZ/TD-CI-GI-FSTE---Answers

Script Output x | Query Result x

Task completed in 0.111 seconds

L'employé a une commission

PL/SQL procedure successfully completed.

Exercice 8 :

Script Output x | Query Result x
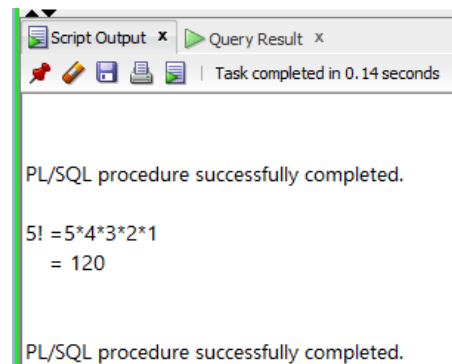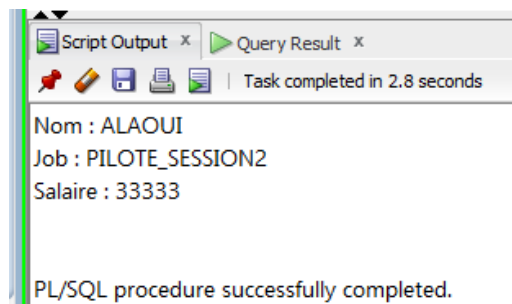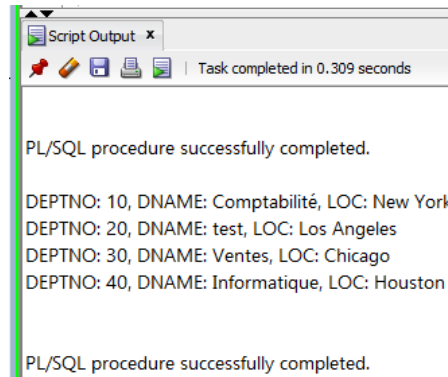
Task completed in 0.14 seconds

PL/SQL procedure successfully completed.

5! =5*4*3*2*1
   = 120

PL/SQL procedure successfully completed.

Exercice 9 :

Script Output x | Query Result x

Task completed in 2.8 seconds

Nom : ALAOUI
Job : PILOTE_SESSION2
Salaire : 33333

PL/SQL procedure successfully completed.

Exercice 10 :

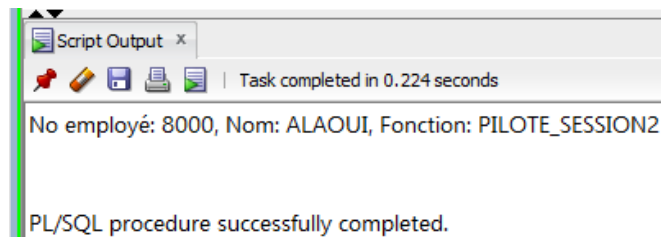PL/SQL procedure successfully completed.

DEPTNO: 10, DNAME: Comptabilité, LOC: New York
DEPTNO: 20, DNAME: test, LOC: Los Angeles
DEPTNO: 30, DNAME: Ventes, LOC: Chicago
DEPTNO: 40, DNAME: Informatique, LOC: Houston

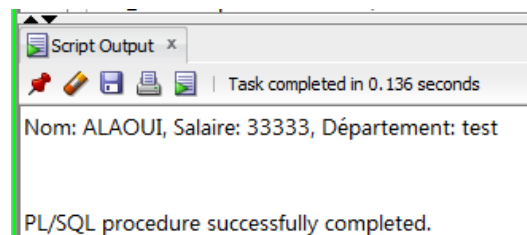PL/SQL procedure successfully completed.

Exercice 11 :

Scripts: https://github.com/DgrinderHZ/TD-CI-GI-FSTE---Answers

1.

No employé: 8000, Nom: ALAOUI, Fonction: PILOTE_SESSION2

PL/SQL procedure successfully completed.

2.
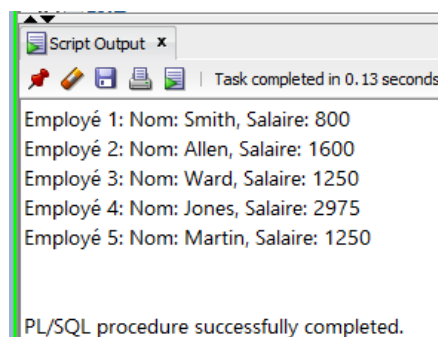
Nom: ALAOUI, Salaire: 33333, Département: test

PL/SQL procedure successfully completed.

3.

Employé 1: Nom: Smith, Salaire: 800
Employé 2: Nom: Allen, Salaire: 1600
Employé 3: Nom: Ward, Salaire: 1250
Employé 4: Nom: Jones, Salaire: 2975
Employé 5: Nom: Martin, Salaire: 1250

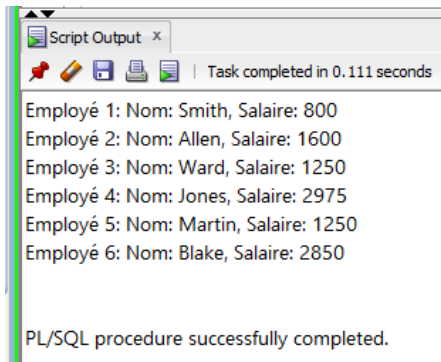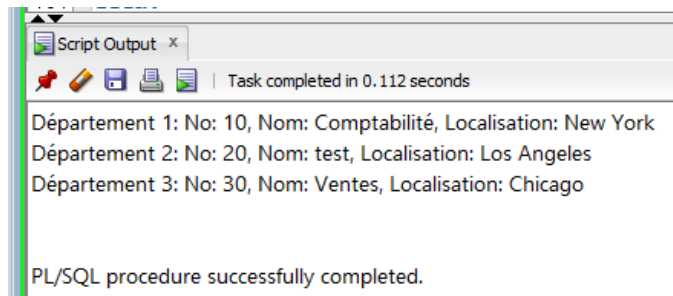PL/SQL procedure successfully completed.

4.

Script Output ✕

Task completed in 0.111 seconds

Employé 1: Nom: Smith, Salaire: 800
Employé 2: Nom: Allen, Salaire: 1600
Employé 3: Nom: Ward, Salaire: 1250
Employé 4: Nom: Jones, Salaire: 2975
Employé 5: Nom: Martin, Salaire: 1250
Employé 6: Nom: Blake, Salaire: 2850
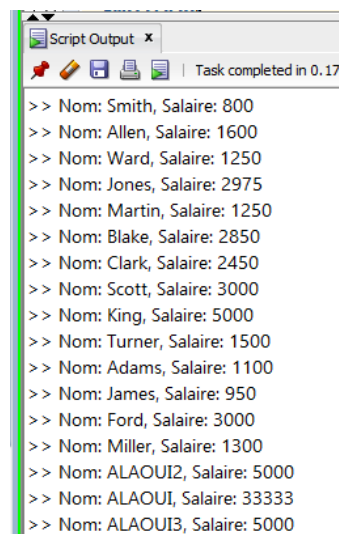

PL/SQL procedure successfully completed.

5.

Script Output ✕

Task completed in 0.112 seconds

Département 1: No: 10, Nom: Comptabilité, Localisation: New York
Département 2: No: 20, Nom: test, Localisation: Los Angeles
Département 3: No: 30, Nom: Ventes, Localisation: Chicago

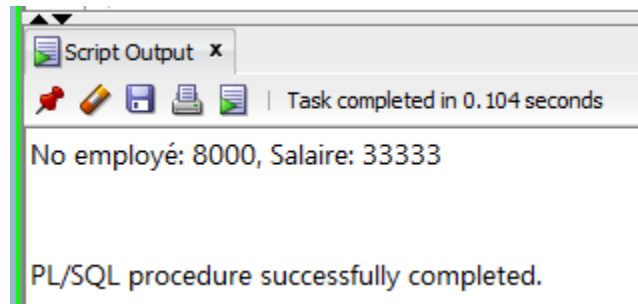PL/SQL procedure successfully completed.

6.

Script Output ✕

Task completed in 0.17

>> Nom: Smith, Salaire: 800
>> Nom: Allen, Salaire: 1600
>> Nom: Ward, Salaire: 1250
>> Nom: Jones, Salaire: 2975
>> Nom: Martin, Salaire: 1250
>> Nom: Blake, Salaire: 2850
>> Nom: Clark, Salaire: 2450
>> Nom: Scott, Salaire: 3000
>> Nom: King, Salaire: 5000
>> Nom: Turner, Salaire: 1500
>> Nom: Adams, Salaire: 1100
>> Nom: James, Salaire: 950
>> Nom: Ford, Salaire: 3000
>> Nom: Miller, Salaire: 1300
>> Nom: ALAOUI2, Salaire: 5000
>> Nom: ALAOUI, Salaire: 33333
>> Nom: ALAOUI3, Salaire: 5000

7.

Script Output ✕

Task completed in 0.104 seconds

No employé: 8000, Salaire: 33333

PL/SQL procedure successfully completed.