

Travail Pratique 2

INF3080 gr.20 E-23

STAMBOULI, Nouredine - STAN65090008

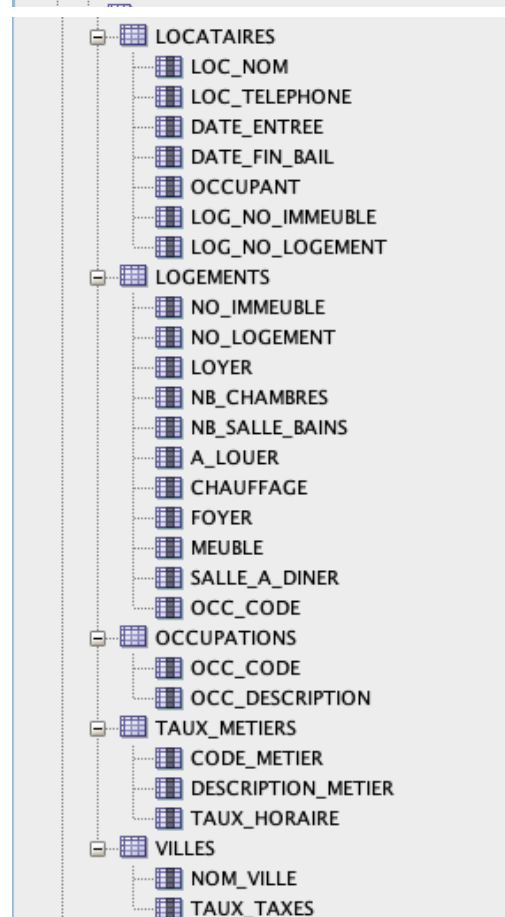
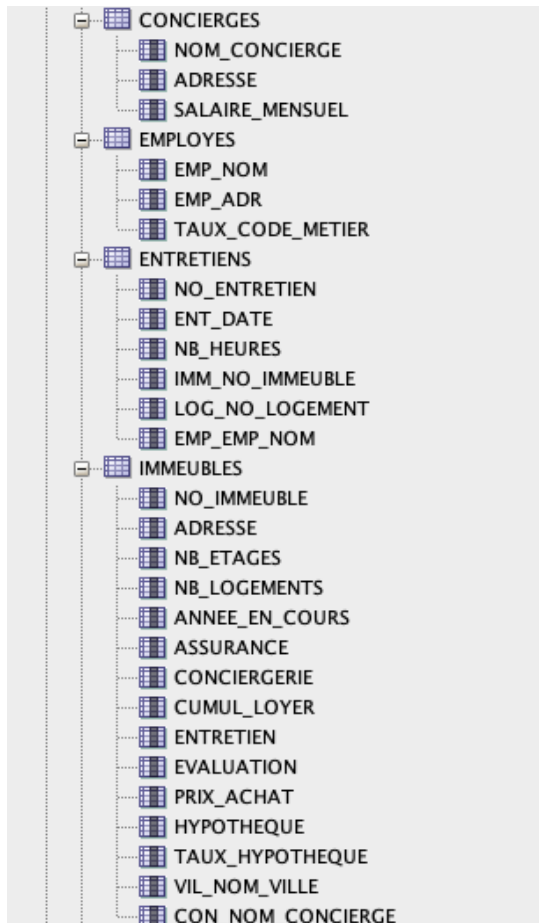
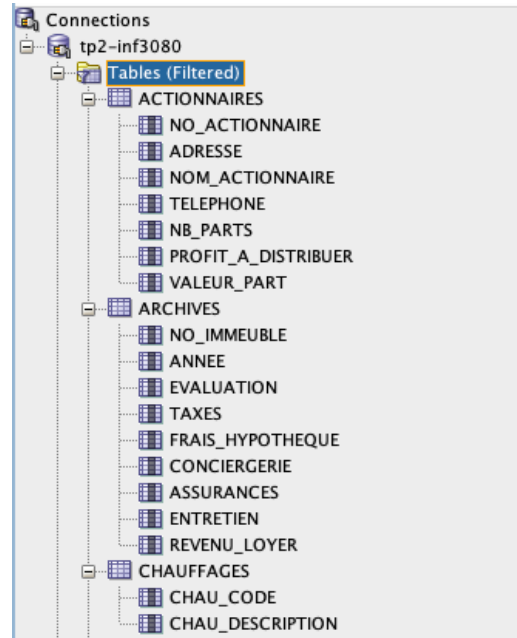
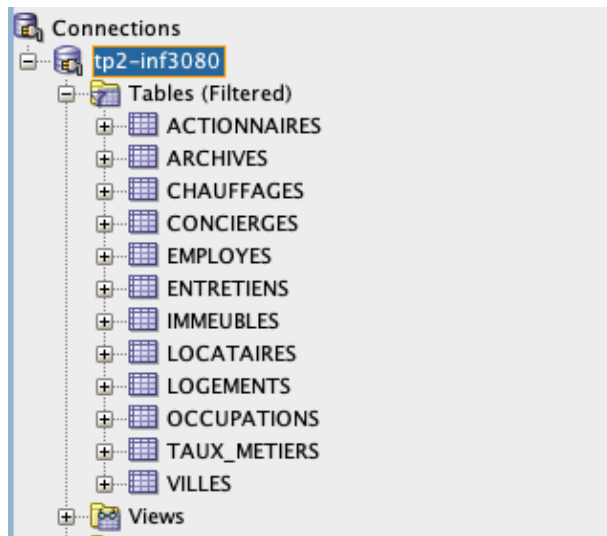
KHALLADI, Issam - KHAI27029800

DEBAY, Georges

9 Juillet, 2023

Charge 1 et Charge 2

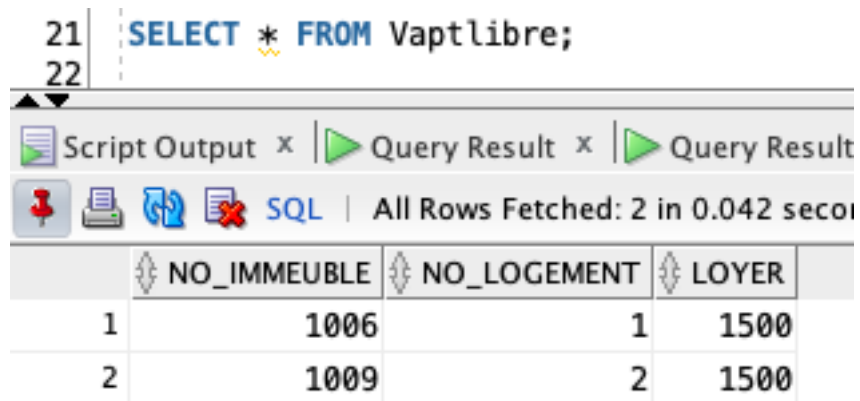
Voir le fichier *create_insert.sql*



Charge 3

Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```
CREATE VIEW VaptLibre AS
SELECT L.NO_IMMEUBLE, L.NO_LOGEMENT, L.LOYER
FROM LOGEMENTS L
JOIN IMMEUBLES I ON L.NO_IMMEUBLE = I.NO_IMMEUBLE
WHERE L.NB_CHAMBRES = 3
AND OCC_CODE = 'L'
AND L.LOYER < 1750.00
AND I.NB_LOGEMENTS >= 25;
```



21 | **SELECT** * **FROM** VaptLibre;
22 |

Script Output x | Query Result x | Query Result

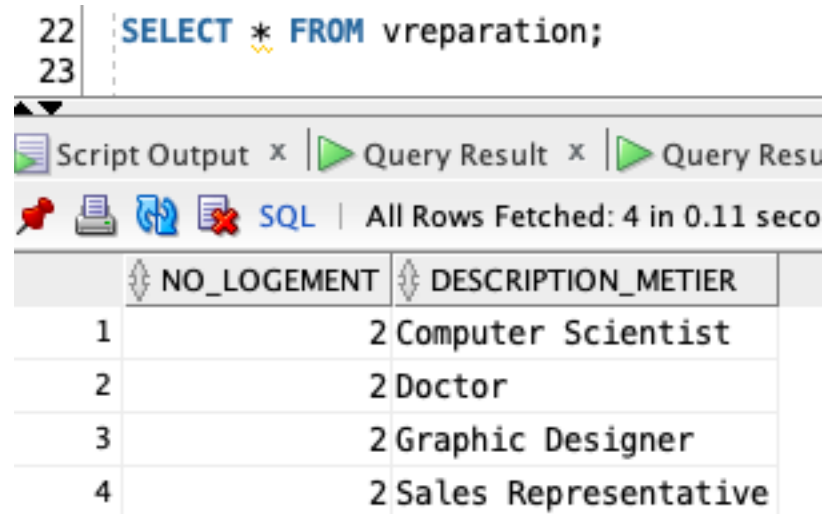
SQL | All Rows Fetched: 2 in 0.042 seconds

	NO_IMMEUBLE	NO_LOGEMENT	LOYER
1	1006	1	1500
2	1009	2	1500

Charge 4

Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```
CREATE VIEW Vreparation AS
SELECT DISTINCT L.NO_LOGEMENT, T.DESCRPTION_METIER
FROM TAUX_METIERS T
JOIN EMPLOYES EM ON T.CODE_METIER = EM.TAUX_CODE_METIER
JOIN ENTRETIENS EN ON EM.EMP_NOM = EN.EMP_EMP_NOM
JOIN LOGEMENTS L ON EN.LOG_NO_LOGEMENT = L.NO_LOGEMENT
JOIN IMMEUBLES I ON L.NO_IMMEUBLE = I.NO_IMMEUBLE
WHERE L.FOYER = 'O'
AND L.SALLE_A_DINER = 'N'
AND I.VIL_NOM_VILLE IN ('Boucherville', 'St-Bruno')
AND EN.ENT_DATE >= TO_DATE('2023-06-01', 'YYYY-MM-DD')
AND EN.ENT_DATE <= TO_DATE('2023-06-25', 'YYYY-MM-DD');
```



22 | **SELECT** * **FROM** vreparation;
23 |

Script Output x | Query Result x | Query Resu

SQL | All Rows Fetched: 4 in 0.11 seco

	NO_LOGEMENT	DESCRIPTION_METIER
1	2	Computer Scientist
2	2	Doctor
3	2	Graphic Designer
4	2	Sales Representative

Charge 5

Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```
CREATE VIEW VPetitApt AS
SELECT I.NO_IMMEUBLE, I.ADRESSE, I.NB_ETAGES, I.NB_LOGEMENTS,
L.NB_CHAMBRES
FROM IMMEUBLES I
JOIN LOGEMENTS L ON L.NO_IMMEUBLE = I.NO_IMMEUBLE
WHERE L.NB_CHAMBRES <= 2;
```

25 | **SELECT** * **FROM** VPETITAPT;
26 |

Script Output x Query Result x

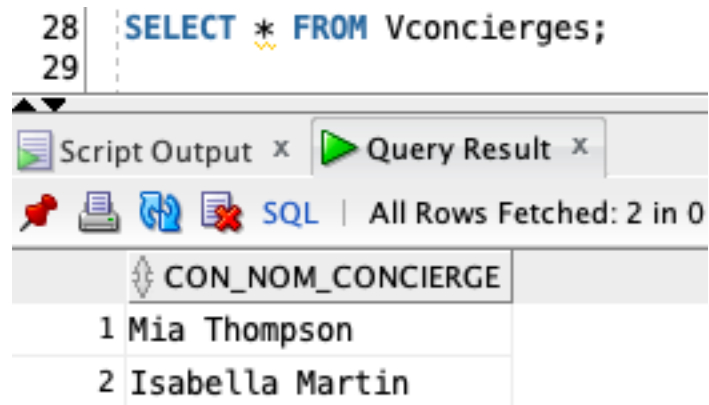
SQL | All Rows Fetched: 7 in 0.041 seconds

	NO_IMMEUBLE	ADRESSE	NB_ETAGES	NB_LOGEMENTS	NB_CHAMBRES
1	1001	123 Rue Principale	5	33	2
2	1002	456 Rue Secondaire	3	6	2
3	1004	987 Rue Quartière	6	12	2
4	1005	654 Rue Cinquième	2	4	2
5	1005	654 Rue Cinquième	2	4	1
6	1006	321 Rue Sixième	4	27	2
7	1007	789 Rue Septième	5	10	2

Charge 6

Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```
CREATE VIEW VConcierges AS  
SELECT DISTINCT CON_NOM_CONCIERGE  
FROM IMMEUBLES  
JOIN LOGEMENTS ON IMMEUBLES.NO_IMMEUBLE = LOGEMENTS.NO_IMMEUBLE  
WHERE MEUBLE = 'S' AND OCC_CODE = 'C' AND VIL_NOM_VILLE = 'Longueuil'  
ORDER BY CON_NOM_CONCIERGE DESC;
```



28 | **SELECT** * **FROM** Vconcierges;
29 |

Script Output x Query Result x

SQL | All Rows Fetched: 2 in 0

	CON_NOM_CONCIERGE
1	Mia Thompson
2	Isabella Martin

Charge 7





Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```
CREATE OR REPLACE FUNCTION f_loyer(p_no_immeuble NUMBER)
  RETURN NUMBER
IS
  v_revenu_total NUMBER := 0;
BEGIN
  SELECT SUM(LOYER)
  INTO v_revenu_total
  FROM LOGEMENTS
  JOIN LOCATAIRES ON LOGEMENTS.NO_IMMEUBLE =
LOCATAIRES.LOG_NO_IMMEUBLE
  WHERE NO_IMMEUBLE = p_no_immeuble
  AND TO_CHAR(DATE_ENTREE, 'MM') <= '06' AND TO_CHAR(DATE_FIN_BAIL, 'MM') >=
06
  AND TO_CHAR(DATE_ENTREE, 'YY') = '23' AND TO_CHAR(DATE_FIN_BAIL,'YY') = '23';
  RETURN v_revenu_total;
END;
/

CREATE OR REPLACE VIEW v_loyer AS
SELECT NO_IMMEUBLE, f_loyer(NO_IMMEUBLE) AS revenu_total
FROM IMMEUBLES;
```

Charge 7 (suite)

```
31 SELECT * FROM V_LOYER;  
32
```

Script Output x		Query Result x	
    SQL		All Rows Fetched: 11 in 1	
	NO_IMMEUBLE	REVENU_TOTAL	
1	1001	(null)	
2	1002	3000	
3	1003	(null)	
4	1004	2750	
5	1005	(null)	
6	1006	2550	
7	1007	(null)	
8	1008	(null)	
9	1009	(null)	
10	1010	(null)	
11	1297	(null)	

Charge 8

Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```

CREATE OR REPLACE PROCEDURE sp_archive(p_no_immeuble NUMBER) IS
BEGIN
    INSERT INTO archives
    SELECT i.NO_IMMEUBLE, i.ANNEE_EN_COURS, i.EVALUATION, ROUND(i.PRIX_ACHAT *
v.TAUX_TAXES/100, 2) AS TAXES, i.HYPOTHEQUE, i.CONCIERGERIE, i.ASSURANCE,
i.ENTRETIEN, i.CUMUL_LOYER
    FROM immeubles i
    JOIN villes v ON i.VIL_NOM_VILLE = v.NOM_VILLE
    WHERE i.NO_IMMEUBLE = p_no_immeuble;
    COMMIT;
END;
/

BEGIN
    sp_archive(1297);
END;
/

```

40 **SELECT** * **FROM** ARCHIVES;

41

Script Output x Query Result x

SQL | All Rows Fetched: 11 in 0.018 seconds

	NO_IMMEUBLE	ANNEE	EVALUATION	TAXES	FRAIS_HYPOTHEQUE	CONCIERGERIE	ASSURANCES	ENTRETIEN	REVENU_LOYER
1	1003	2019	500000	120001.5	500000	100000	1500	222000	8000
2	1001	2019	400000	110000.75	466000	812700	1200	111800	7000
3	1002	2020	600000	175000.25	609000	189200	1800	211500	9000
4	1004	2020	450000	121000.5	423500	111900	1400	200100	7500
5	1005	2020	550000	133000.75	533500	113700	1600	233300	8500
6	1006	2023	520000	112500.5	125200	151050	1550	222150	8200
7	1008	2023	410000	110500.75	114100	111820	1250	341950	6800
8	1007	2024	620000	316000.25	645200	135500	1900	562700	10500
9	1009	2021	470000	131500.5	422700	123950	1450	102250	7300
10	1010	2021	570000	113500.75	521700	100150	1650	102450	9200
11	1297	2022	100000	11250	450000	1200	1543	4000	60000

Charge 9

Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```
CREATE OR REPLACE PROCEDURE sp_augmentation IS
BEGIN
    UPDATE LOGEMENTS
    SET LOYER = LOYER * 1.07
    WHERE CHAUFFAGE = 'G';
    COMMIT;
END;
/
```

EXECUTE sp_augmentation;

The screenshot displays the SQL Developer interface. At the top, a SQL script is shown with line numbers 42, 43, and 44. The script contains a SELECT statement to retrieve data from the LOGEMENTS table. Below the script, the 'Query Result' tab is active, showing the results of the query. The results are presented in a table with two columns: NO_LOGEMENT and LOYER. The table contains three rows of data. The status bar at the bottom indicates that all rows were fetched successfully.

	NO_LOGEMENT	LOYER
1	1	1500
2	2	1100
3	1	1500

	NO_LOGEMENT	LOYER
1	1	1605
2	2	1177
3	1	1605

Charge 10

Voir le fichier *O3_view_STAN65090008_KHAI27029800.sql*

```
DELETE FROM LOCATAIRES  
WHERE DATE_FIN_BAIL < TO_DATE('2022-07-01', 'YYYY-MM-DD');
```

```
54 :SELECT * FROM LOCATAIRES  
55 :WHERE DATE_FIN_BAIL < TO_DATE('2022-07-01', 'YYYY-MM-DD');
```

Script Output x Query Result x

SQL | All Rows Fetched: 5 in 0.025 seconds

	LOC_NOM	LOC_TELEPHONE	DATE_ENTREE	DATE_FIN_BAIL	OCCUPANT	LOG_NO_IMMEUBLE	LOG_NO_LOGEMENT
1	Emma Thompson	1341116781	15-08-11	20-06-11	Y	1001	1
2	Sophia Anderson	3435887993	15-08-11	20-08-01	Y	1003	1
3	Manel Aouar	7778210909	15-08-11	20-06-11	Y	1005	1
4	Zinedine Zidane	4389200787	15-08-11	20-08-01	Y	1007	1
5	Houssem Aouar	9324353457	15-08-11	20-08-01	Y	1009	2

```
128 :DELETE FROM LOCATAIRES  
129 :WHERE DATE_FIN_BAIL < TO_DATE('2022-07-01', 'YYYY-MM-DD');
```

Script Output x Query Result x Query Result 1 x Query Result 2 x

Task completed in 0.327 seconds

5 rows deleted.

```
54 :SELECT * FROM LOCATAIRES  
55 :WHERE DATE_FIN_BAIL < TO_DATE('2022-07-01', 'YYYY-MM-DD');
```

Script Output x Query Result x

SQL | All Rows Fetched: 0 in 0.017 seconds

	LOC_NOM	LOC_TEL...	DATE_EN...	DATE_FIN...	OCCUPA...	LOG_NO_...	LOG_NO_...
--	---------	------------	------------	-------------	-----------	------------	------------