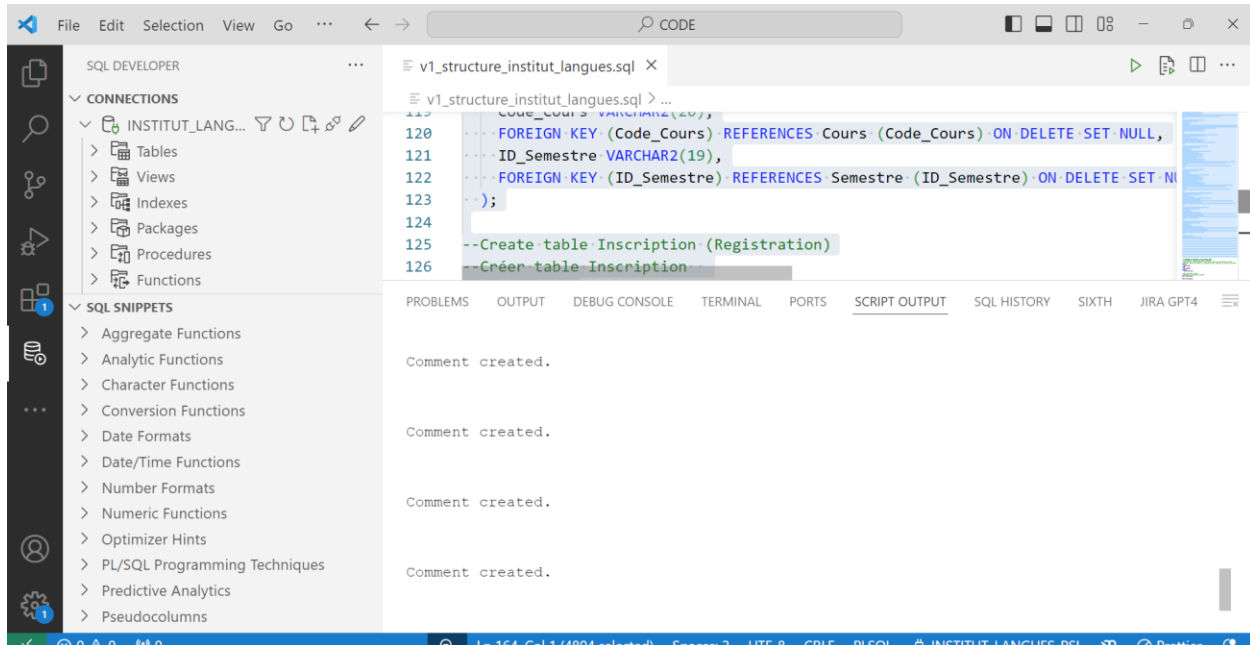
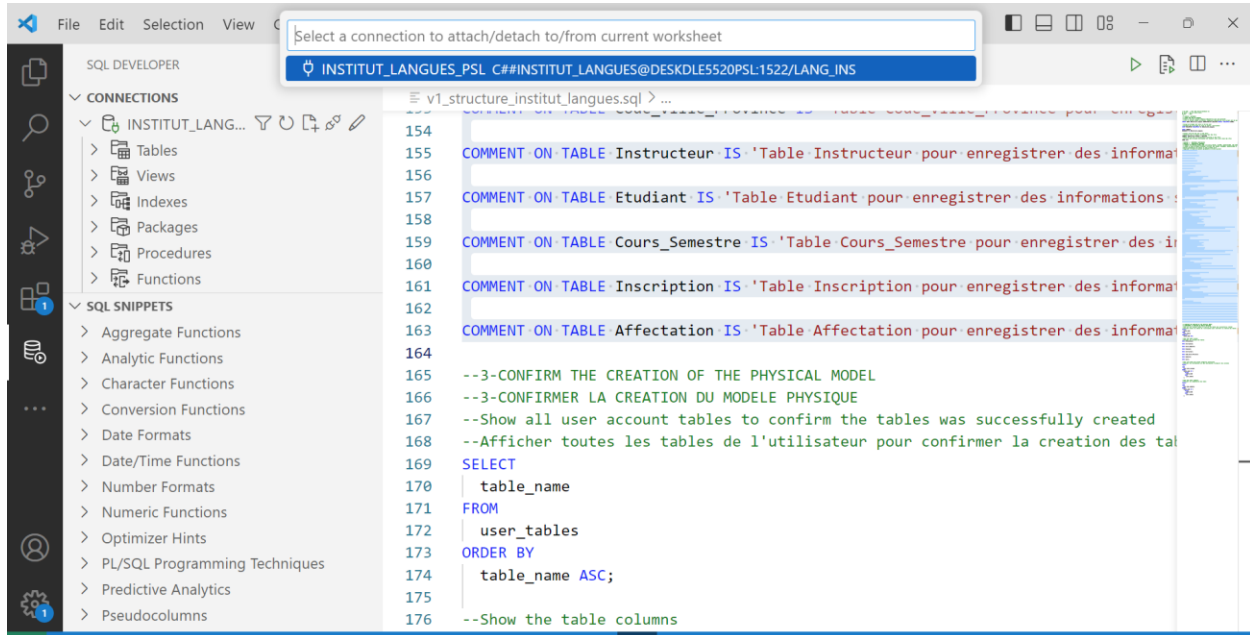


Visual Studio code



SQL DEVELOPER

CONNECTIONS

- INSTITUT_LANG...
- Tables
- Views
- Indexes
- Packages
- Procedures
- Functions

SQL SNIPPETS

- Aggregate Functions
- Analytic Functions
- Character Functions
- Conversion Functions
- Date Formats
- Date/Time Functions
- Number Formats
- Numeric Functions
- Optimizer Hints
- PL/SQL Programming Techniques
- Predictive Analytics
- Pseudocolumns

v1_structure_institut_langues.sql

```

169 SELECT
170   table_name
171 FROM
172   user_tables
173 ORDER BY
174   table_name ASC;
175
176 --Show the table columns

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULT SCRIPT OUTPUT SQL HISTORY

All rows fetched: 8 in 0.399 seconds

	TABLE_NAME
1	AFFECTATION
2	CODE_VILLE_PROVINCE
3	COURS
4	COURS_SEMESTRE
5	ETUDIANT
6	THECOTATION

Ln 169, Col 1 (72 selected) Spaces: 2 UTF-8 CRLF PLSQL INSTITUT_LANGUES_PSL Prettier

SQL DEVELOPER

CONNECTIONS

- INSTITUT_LANG...
- Tables
- Views
- Indexes
- Packages
- Procedures
- Functions

SQL SNIPPETS

- Aggregate Functions
- Analytic Functions
- Character Functions
- Conversion Functions
- Date Formats
- Date/Time Functions
- Number Formats
- Numeric Functions
- Optimizer Hints
- PL/SQL Programming Techniques
- Predictive Analytics
- Pseudocolumns

v1_structure_institut_langues.sql

```

189
190 DESC Semestre;
191
192 DESC Cours;
193
194 --Show info about the column integrity constraints
195 --Afficher les informations sur des contraintes d'integrité des colonnes
196 SELECT

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULT SCRIPT OUTPUT SQL HISTORY

	NAME	DATA TYPE	CHARACTER SET	NUMBER OF DIGITS	PRECISION	SCALE	CHARACTER LENGTH	DATE LENGTH	INTERVAL LENGTH	INTERVAL TYPE	INTERVAL RANGE	INTERVAL PRECISION	INTERVAL RANGE PRECISION	INTERVAL RANGE SCALE	INTERVAL RANGE PRECISION	INTERVAL RANGE SCALE	INTERVAL RANGE PRECISION	INTERVAL RANGE SCALE
SAISON	NOT NULL	VARCHAR2(15)																
ANNEE		NUMBER(4)																
DATE_DEBUT	NOT NULL	DATE																
DATE_FIN	NOT NULL	DATE																
Name	Null?	Type																
CODE_COURS	NOT NULL	VARCHAR2(20)																
TITRE	NOT NULL	VARCHAR2(45)																
DESCRIPTION		VARCHAR2(255)																
LANGUE	NOT NULL	VARCHAR2(45)																
DUREE	NOT NULL	NUMBER(2)																

Ln 193, Col 1 (165 selected) Spaces: 2 UTF-8 CRLF PLSQL INSTITUT_LANGUES_PSL Prettier

SQL DEVELOPER

CONNECTIONS

- INSTITUT_LANG...
- Tables
- Views
- Indexes
- Packages
- Procedures
- Functions

SQL SNIPPETS

- Aggregate Functions
- Analytic Functions
- Character Functions
- Conversion Functions
- Date Formats
- Date/Time Functions
- Number Formats
- Numeric Functions
- Optimizer Hints
- PL/SQL Programming Techniques
- Predictive Analytics
- Pseudocolumns

v1_structure_institut_langues.sql

```
200 WHERE
201   table_name IN (
202     SELECT
203       table_name
204     FROM
205       user_tables
206   );
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULT SCRIPT OUTPUT SQL HISTORY

All rows fetched: 43 in 3.023 seconds

	OWNER	CONSTRAINT_NAME	TABLE_NAME	COLU
1	C##INSTITUT_LANGUES	SYS_C008906	COURS	TI
2	C##INSTITUT_LANGUES	SYS_C008907	COURS	LAI
3	C##INSTITUT_LANGUES	SYS_C008908	COURS	DUF
4	C##INSTITUT_LANGUES	CHECK_LANGUE_COURS	COURS	LAI
5	C##INSTITUT_LANGUES	SYS_C008910	COURS	DUF
6	C##INSTITUT_LANGUES	SYS_C008911	COURS	CA

Ln 206, Col 5 (129 selected) Spaces: 2 UTF-8 CRLF PLSQL INSTITUT LANGUES PSL Prettier

SQL DEVELOPER

CONNECTIONS

- INSTITUT_LANG...
- Tables
- Views
- Indexes
- Packages
- Procedures
- Functions

SQL SNIPPETS

- Aggregate Functions
- Analytic Functions
- Character Functions
- Conversion Functions
- Date Formats
- Date/Time Functions
- Number Formats
- Numeric Functions
- Optimizer Hints
- PL/SQL Programming Techniques
- Predictive Analytics
- Pseudocolumns

v1_structure_institut_langues.sql

```
209 --Attacher les commentaires des table
210 SELECT
211   *
212 FROM
213   user_tab_comments
214 WHERE
215   table_name IN (
216     SELECT
```

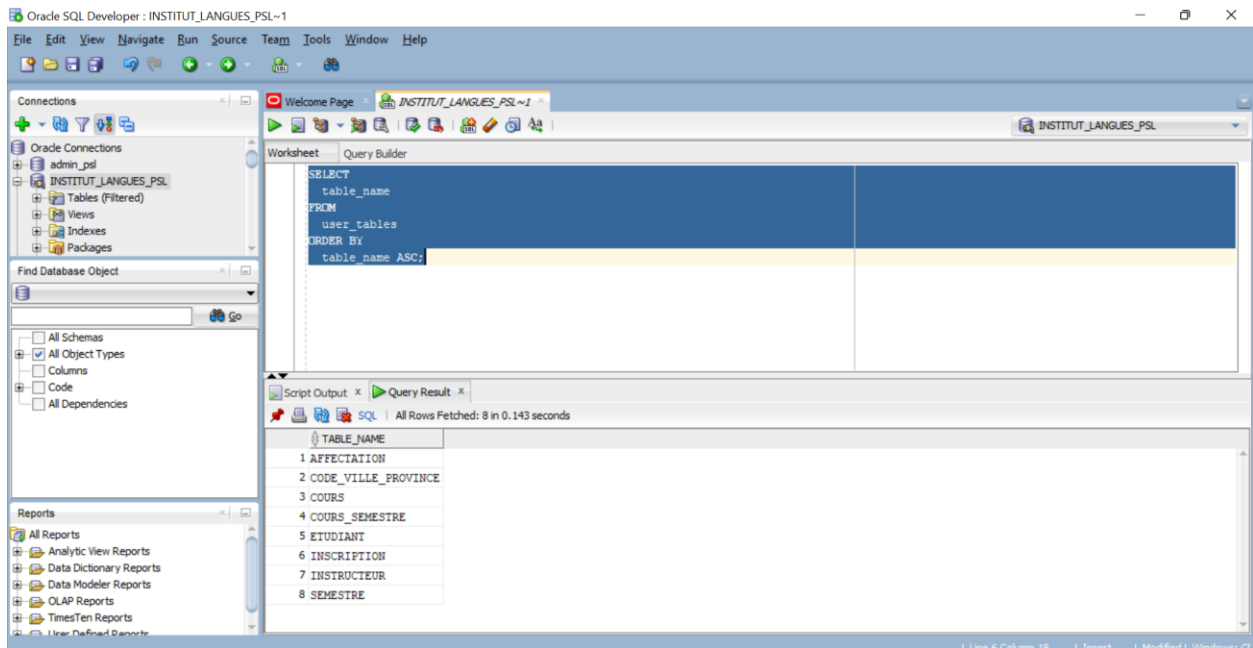
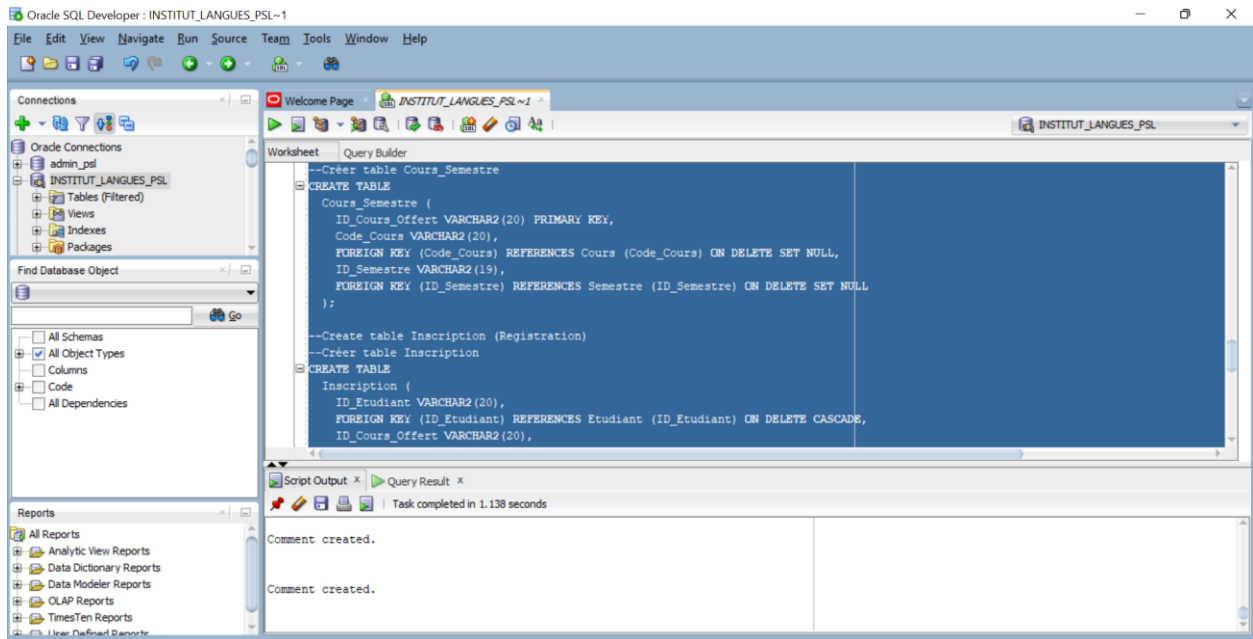
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULT SCRIPT OUTPUT SQL HISTORY

All rows fetched: 8 in 0.996 seconds

	TABLE_NAME	TABLE_TYPE	COMMENTS
1	AFFECTATION	TABLE	Table Affectation pour enregistrer des informat
2	CODE_VILLE_PROVINCE	TABLE	Table Code_Ville_Province pour enregistrer les v
3	COURS	TABLE	Table Cours pour enregistrer des informations s
4	COURS_SEMESTRE	TABLE	Table Cours_Semestre pour enregistrer des infor
5	ETUDIANT	TABLE	Table Etudiant pour enregistrer des information
6	INSCRIPTION	TABLE	Table Inscription pour enregistrer des inscrip

Ln 220, Col 5 (129 selected) Spaces: 2 UTF-8 CRLF PLSQL INSTITUT LANGUES PSL Prettier

SQL Developer



Oracle SQL Developer : INSTITUT_LANGUES_PSL~1

File Edit View Navigate Run Source Team Tools Window Help

Connections

- Oracle Connections
 - admin_psl
 - INSTITUT_LANGUES_PSL
 - Tables (Filtered)
 - Views
 - Indexes
 - Packages

Find Database Object

Reports

- All Reports
- Analytic View Reports
- Data Dictionary Reports
- Data Modeler Reports
- OLAP Reports
- TimesTen Reports
- User Defined Reports

Worksheet

```
--Show the table columns
--Afficher les colonnes des tables
DESC Affecation;
DESC Inscription;
DESC Cours_Semestre;
DESC Etudiant;
DESC Instructeur;
DESC Code_Ville_Province;
DESC Semestre;
DESC Cours;
```

Script Output x Query Result x

Task completed in 5.48 seconds

Name	Null?	Type
ID_SEMESTRE	NOT NULL	VARCHAR2 (19)
SAISON	NOT NULL	VARCHAR2 (15)
ANNEE		NUMBER (4)
DATE_DEBUT	NOT NULL	DATE
DATE_FIN	NOT NULL	DATE
CODE_COURS	NOT NULL	VARCHAR2 (20)
TITRE	NOT NULL	VARCHAR2 (45)
DESCRIPTION		VARCHAR2 (255)
LANGUE	NOT NULL	VARCHAR2 (45)
DUREE	NOT NULL	NUMBER (2)

Oracle SQL Developer : INSTITUT_LANGUES_PSL~1

File Edit View Navigate Run Source Team Tools Window Help

Connections

- Oracle Connections
 - admin_psl
 - INSTITUT_LANGUES_PSL
 - Tables (Filtered)
 - Views
 - Indexes
 - Packages

Find Database Object

Reports

- All Reports
- Analytic View Reports
- Data Dictionary Reports
- Data Modeler Reports
- OLAP Reports
- TimesTen Reports
- User Defined Reports

Worksheet

```
--Show info about the column integrity constraints
--Afficher les informations sur des contraintes d'integrité des colonnes
SELECT
*
FROM
user_cons_columns
WHERE
table_name IN (
SELECT
table_name
FROM
```

Script Output x Query Result x

All Rows Fetched: 43 in 2.928 seconds

OWNER	CONSTRAINT_NAME	TABLE_NAME	COLUMN_NAME	POSITION
C##INSTITUT_LANGUES	SYS_C008863	COURS	TITRE	(null)
C##INSTITUT_LANGUES	SYS_C008864	COURS	LANGUE	(null)
C##INSTITUT_LANGUES	SYS_C008865	COURS	DUREE	(null)
C##INSTITUT_LANGUES	CHECK_LANGUE_COURS	COURS	LANGUE	(null)
C##INSTITUT_LANGUES	SYS_C008867	COURS	DUREE	(null)
C##INSTITUT_LANGUES	SYS_C008868	COURS	CODE_COURS	1
C##INSTITUT_LANGUES	SYS_C008869	SEMESTRE	SAISON	(null)
C##INSTITUT_LANGUES	SYS_C008870	SEMESTRE	DATE_DEBUT	(null)
C##INSTITUT_LANGUES	SYS_C008871	SEMESTRE	DATE_FIN	(null)
C##INSTITUT_LANGUES	CHECK_SAISON_SEMESTRE	SEMESTRE	SAISON	(null)
C##INSTITUT_LANGUES	SYS_C008873	SEMESTRE	ID_SEMESTRE	1

Oracle SQL Developer : INSTITUT_LANGUES_PSL~1

File Edit View Navigate Run Source Team Tools Window Help

Connections

- Oracle Connections
 - admin_psl
 - INSTITUT_LANGUES_PSL
 - Tables (Filtered)
 - Views
 - Indexes
 - Packages

Find Database Object

Reports

- All Reports
 - Analytic View Reports
 - Data Dictionary Reports
 - Data Modeler Reports
 - OLAP Reports
 - TimesTen Reports
 - User Defined Reports

Worksheet Query Builder

```
--Show the table comments
--Afficher les commentaires des table
SELECT
*
FROM
user_tab_comments
WHERE
table_name IN (
SELECT
table_name
FROM
```

Script Output x Query Result x Query Result 1 x

SQL All Rows Fetched: 8 in 0.893 seconds

TABLE_NAME	TABLE_TYPE	COMMENTS
1 AFFECTATION	TABLE	Table Affectation pour enregistrer des informations sur chaque affectation d'un groupe cours offert par s
2 CODE_VILLE_PROVINCE	TABLE	Table Code_Ville_Province pour enregistrer les villes et provinces qui correspondent à chaque code postal
3 COURS	TABLE	Table Cours pour enregistrer des informations sur chaque cours
4 COURS_SEMESTRE	TABLE	Table Cours_Semestre pour enregistrer des informations sur chaque groupe cours offert chaque semestre
5 ETUDIANT	TABLE	Table Etudiant pour enregistrer des informations sur chaque étudiant
6 INSCRIPTION	TABLE	Table Inscription pour enregistrer des informations sur chaque inscription d'un étudiant inscrit à un gro
7 INSTRUCTEUR	TABLE	Table Instructeur pour enregistrer des informations sur chaque instructeur
8 SEMESTRE	TABLE	Table Semestre pour enregistrer des informations sur chaque semestre

SQL Developer Data Modeler

