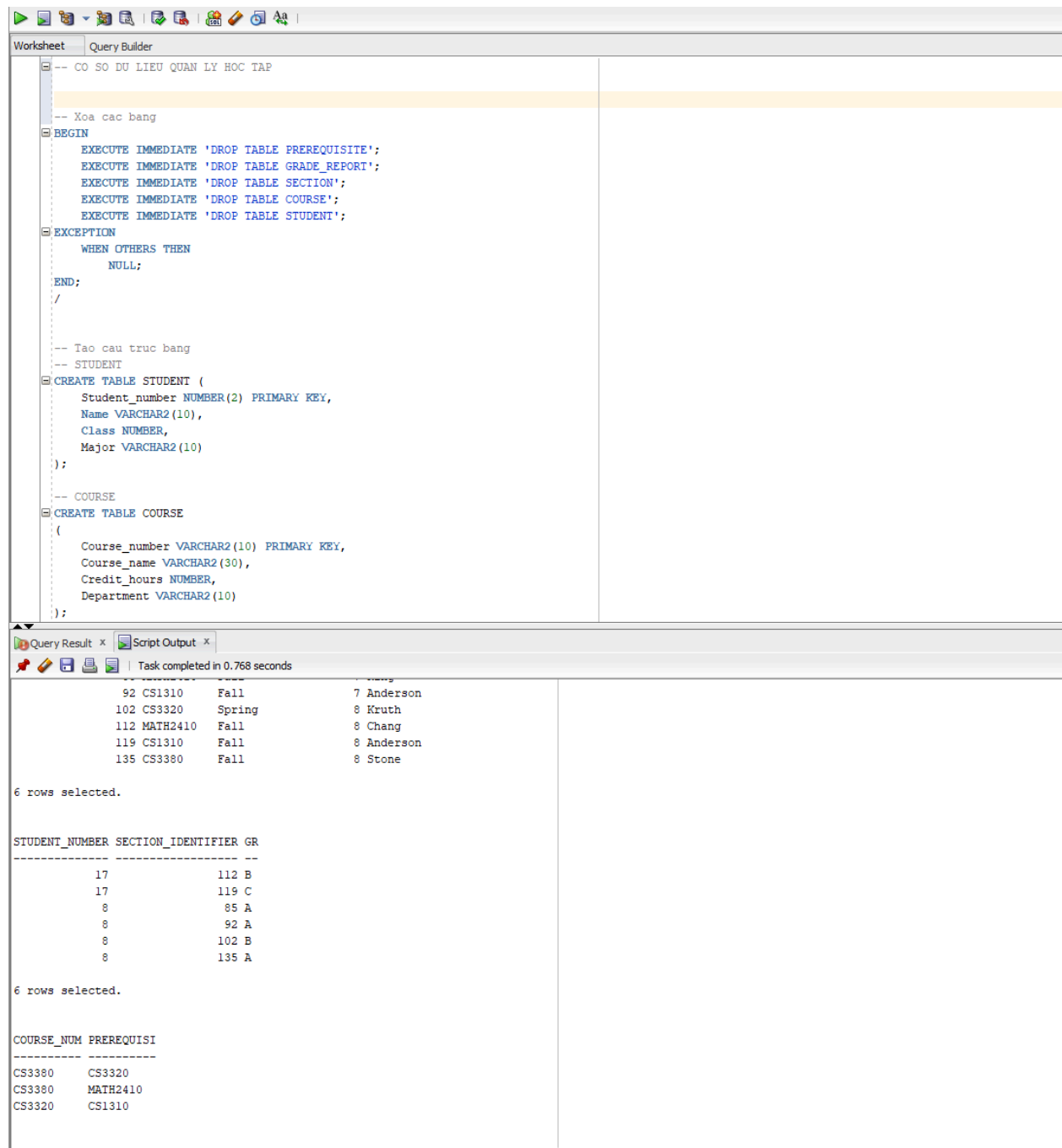


HƯỚNG DẪN

Mở Oracle SQL Server, đăng nhập vào tài khoản có quyền quản trị ở port number “1521” và service name “xe”, chạy đoạn code sql có sẵn trong thư mục “exe”.



The screenshot displays the Oracle SQL Developer interface. The top pane shows a SQL script with the following content:

```
-- CO SO DU LIEU QUAN LY HOC TAP

-- Xoa cac bang
BEGIN
  EXECUTE IMMEDIATE 'DROP TABLE PREREQUISITE';
  EXECUTE IMMEDIATE 'DROP TABLE GRADE_REPORT';
  EXECUTE IMMEDIATE 'DROP TABLE SECTION';
  EXECUTE IMMEDIATE 'DROP TABLE COURSE';
  EXECUTE IMMEDIATE 'DROP TABLE STUDENT';
EXCEPTION
  WHEN OTHERS THEN
    NULL;
END;
/

-- Tao cau truc bang
-- STUDENT
CREATE TABLE STUDENT (
  Student_number NUMBER(2) PRIMARY KEY,
  Name VARCHAR2(10),
  Class NUMBER,
  Major VARCHAR2(10)
);

-- COURSE
CREATE TABLE COURSE
(
  Course_number VARCHAR2(10) PRIMARY KEY,
  Course_name VARCHAR2(30),
  Credit_hours NUMBER,
  Department VARCHAR2(10)
);
```

The bottom pane shows the query results, indicating that the task was completed in 0.768 seconds. It displays three tables of data:

6 rows selected.

STUDENT_NUMBER	SECTION_IDENTIFIER	GR
17	112	B
17	119	C
8	85	A
8	92	A
8	102	B
8	135	A

6 rows selected.

COURSE_NUM	PREREQUISIT
CS3380	CS3320
CS3380	MATH2410
CS3320	CS1310

Click đúp file WinFormsProject.exe trong thư mục exe, nhập tài khoản mật khẩu của database localhost có quyền quản trị.

Connection string sẽ có dạng như sau:

```
//Connect to Oracle database using OracleConnection and save connection to use in MenuForm  
string conString = "User Id=" + txt_username.Text + ";Password=" + txt_password.Text + ";Data Source=localhost:1521/xe;";
```

Name	Date modified	Type	Size
runtimes	4/5/2024 11:55 PM	File folder	
Oracle.ManagedDataAccess.dll	12/19/2023 4:02 AM	Application exten...	4,545 KB
System.Diagnostics.PerformanceCounter...	3/15/2022 12:11 AM	Application exten...	52 KB
System.DirectoryServices.dll	1/24/2023 12:39 PM	Application exten...	129 KB
System.DirectoryServices.Protocols.dll	5/20/2023 3:51 AM	Application exten...	75 KB
WinFormsProject.deps.json	4/15/2024 2:02 AM	JSON File	8 KB
WinFormsProject.dll	4/15/2024 2:02 AM	Application exten...	50 KB
WinFormsProject.exe	4/15/2024 2:02 AM	Application	146 KB
WinFormsProject.pdb	4/15/2024 2:02 AM	Program Debug D...	30 KB
WinFormsProject.runtimeconfig.json	4/15/2024 2:02 AM	JSON File	1 KB

Login

WELCOME

Username

Password

Form hiện ra, sẵn sàng sử dụng các chức năng.

Menuform

Users	Roles	Privileges
USER2		
DBAUSER	RESOURCE, CONNECT, PDB_DBA, DBA, CREATOR, EDITOR, TELLER,	
USER1		

Add/Remove privileges to Users
Add/Remove roles to Users
Add New User
Delete User
Modify User

Roles	Privileges
CREATOR	INSERT On STUDENT, INSERT On COURSE, INSERT On SECTION,
EDITOR	UPDATE On STUDENT, DELETE On STUDENT, UPDATE (CREDIT_HOURS, COURSE_NAME, COURSE_NUMBER) On COURSE,
TELLER	
DV_POLICY_OWNER	SELECT On POLICY_OWNER_POLICY, SELECT On POLICY_OWNER_POLICY_OBJECT, SELECT On POLICY_OWNER_REALM, ...
DV_DATAPUMP_NETWORK_LINK	EXECUTE On CHECK_FULL_DVAUTH, EXECUTE On CHECK_TS_DVAUTH, EXECUTE On CHECK_TAB_DVAUTH,
DV_AUDIT_CLEANUP	SELECT On AUDIT_TRAIL\$, DELETE On AUDIT_TRAIL\$, SELECT On DV\$ENFORCEMENT_AUDIT, ...
DV_GOLDENGATE_REDO_ACCESS	
DV_XSTREAM_ADMIN	
DV_GOLDENGATE_ADMIN	

Add/Remove privileges to Roles
Add New Role
Delete Role