

BÀI THỰC HÀNH

NHÓM 11

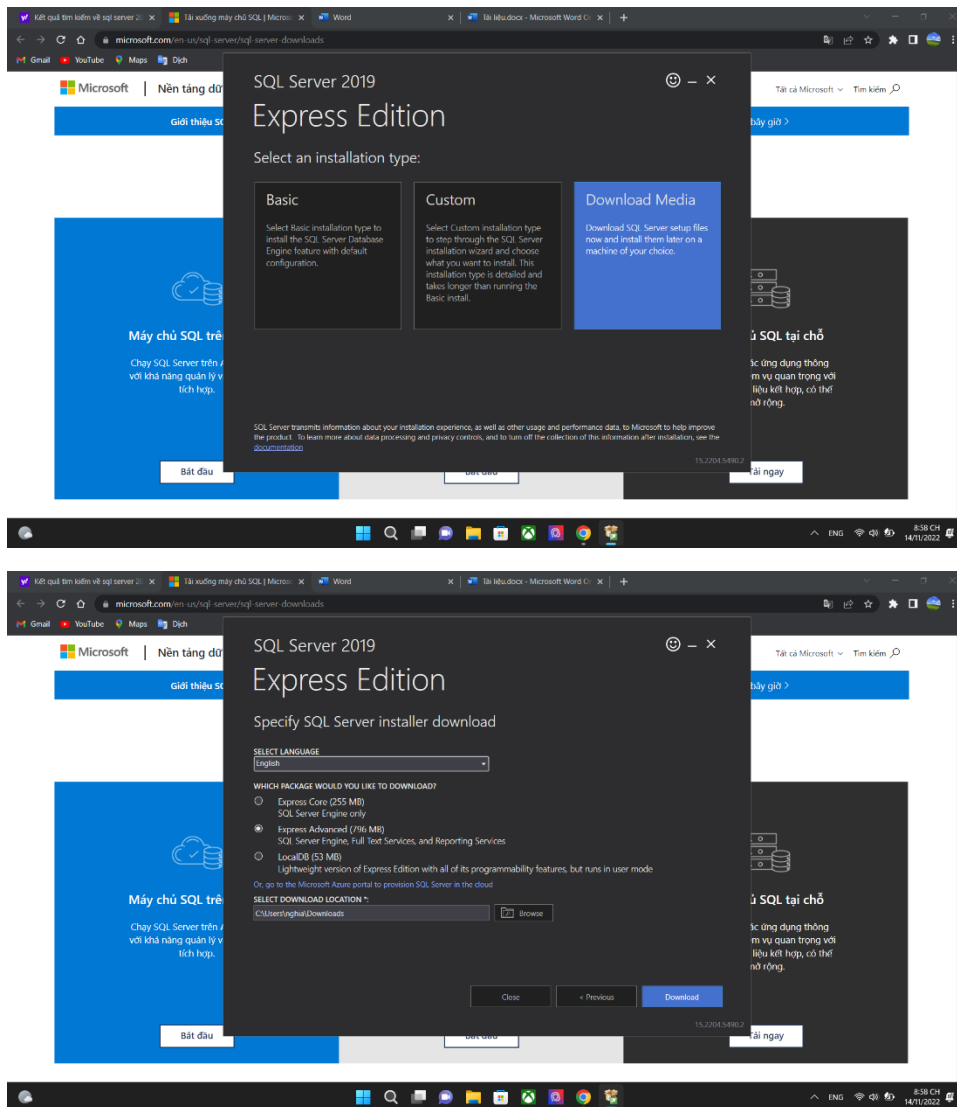
Nguyễn Đình Huy

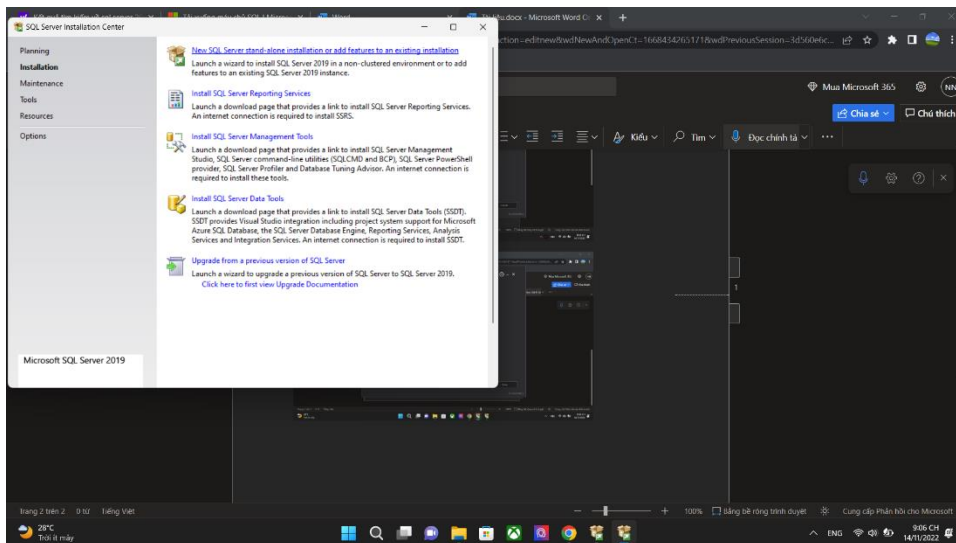
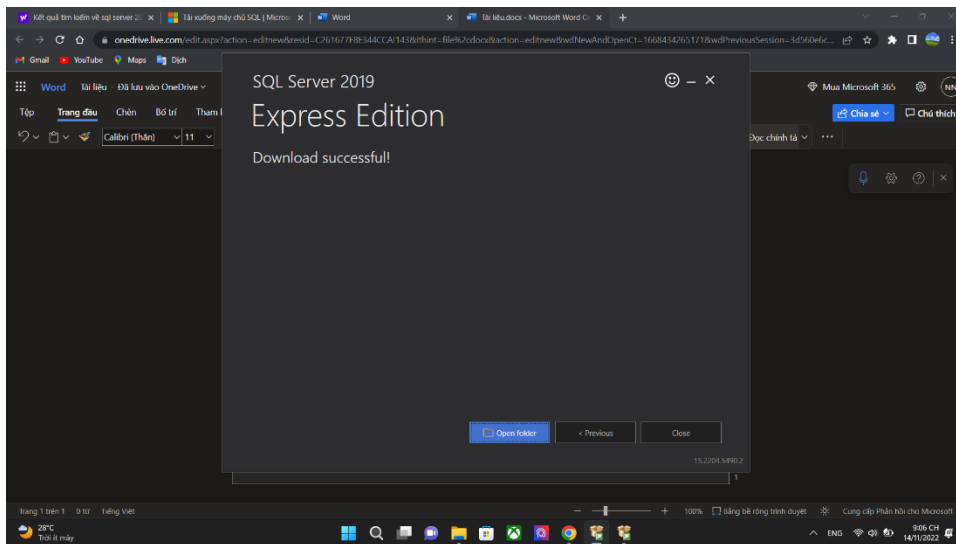
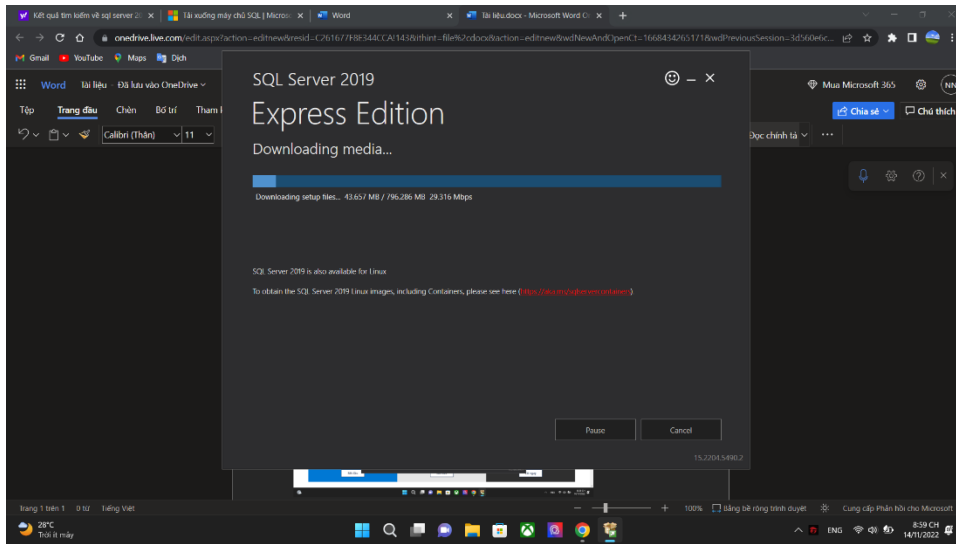
Huỳnh Phan Thu Đông

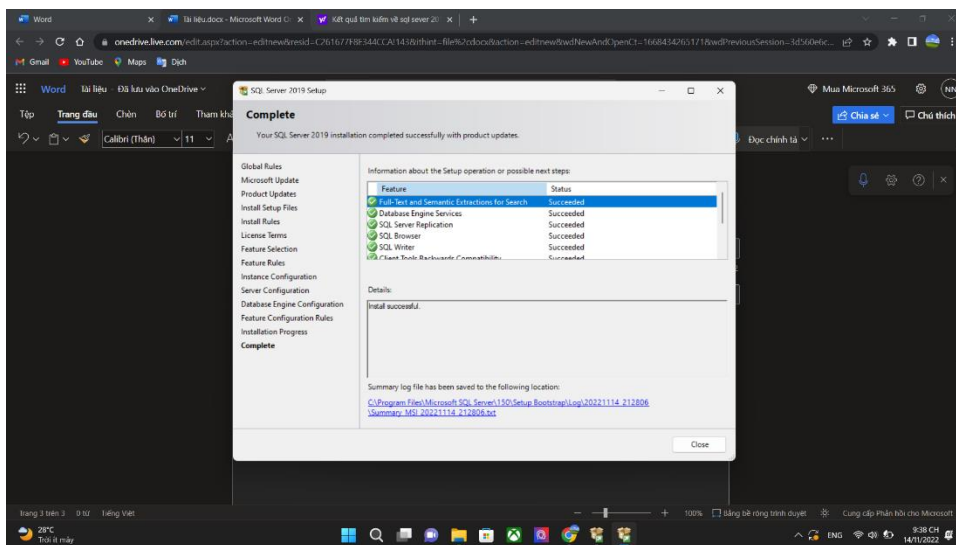
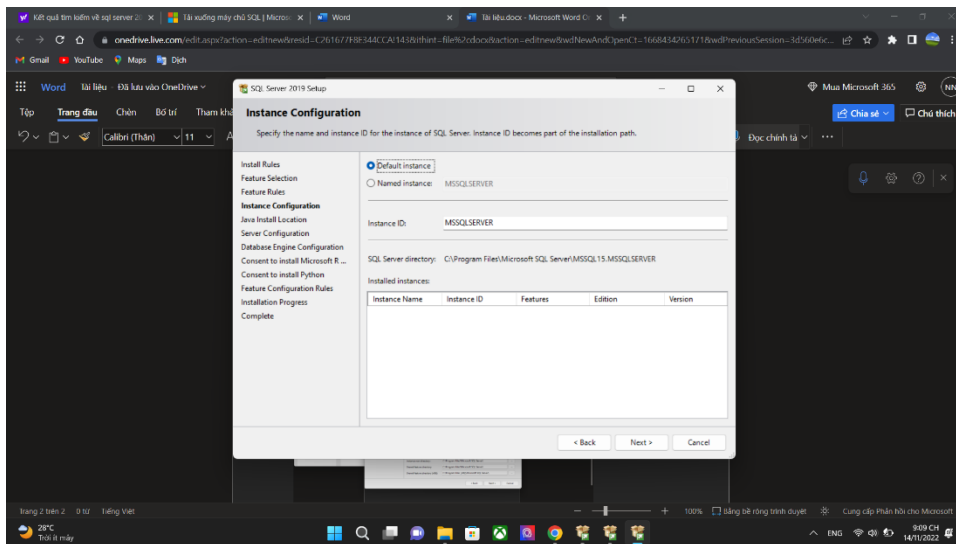
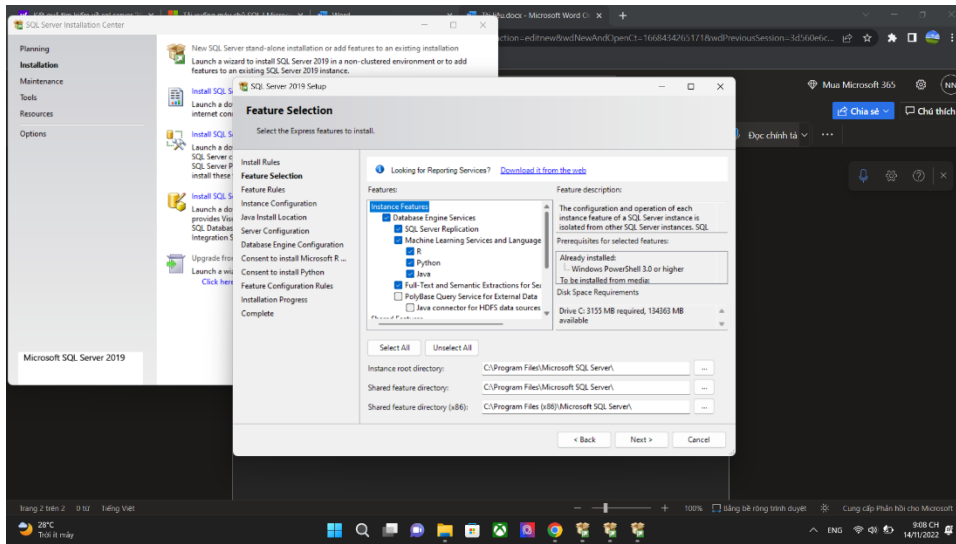
Nguyễn Hoàng Trọng Nghĩa

LAB 1

Bài 1: Tìm hiểu các yêu cầu phần cứng, phần mềm và cài đặt SQL server



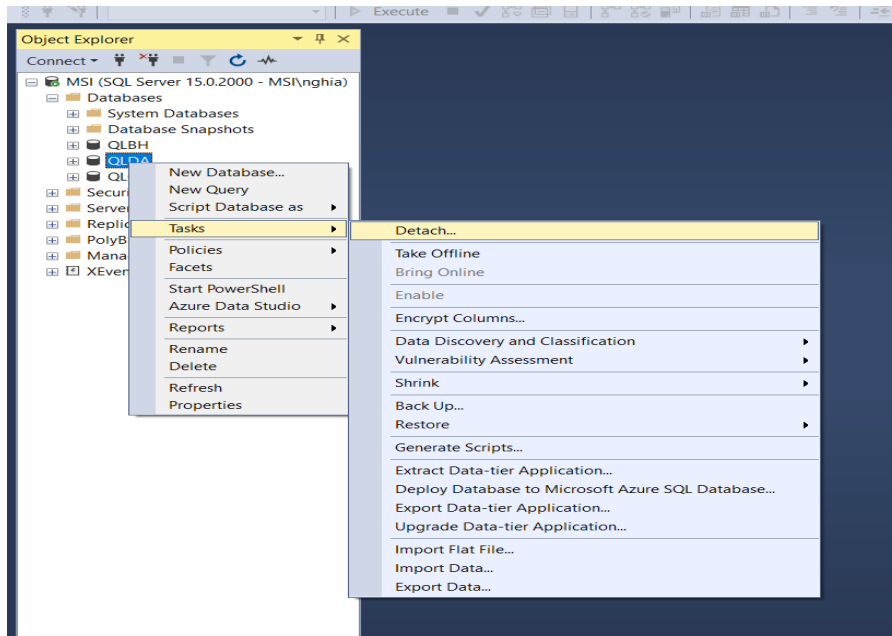




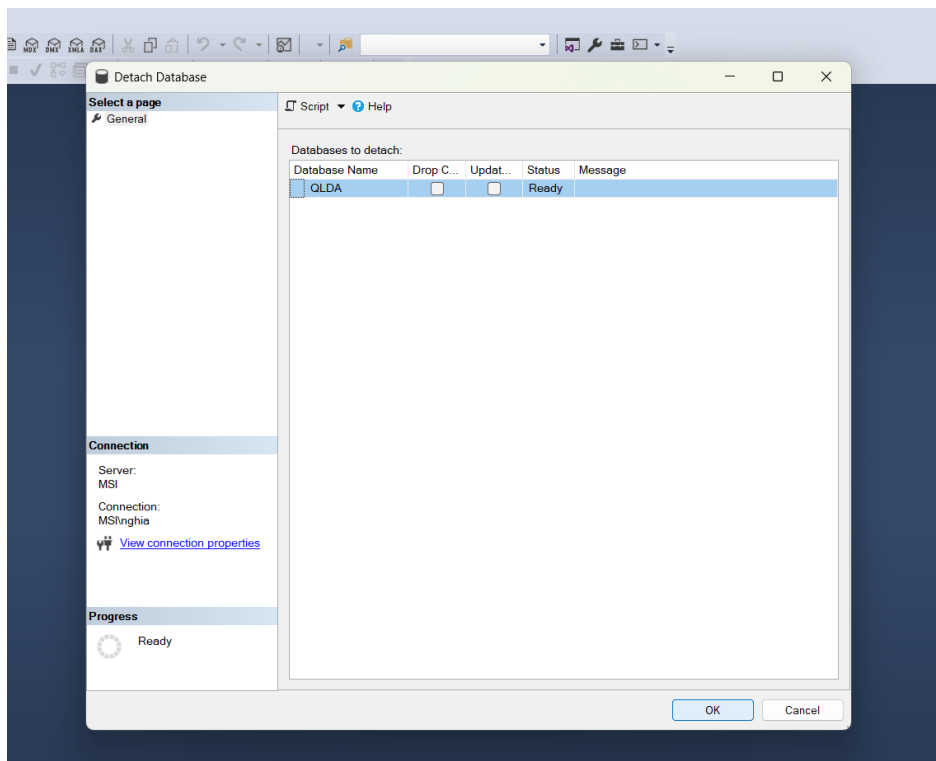
Bài 2: Thực hiện thao tác Detach và Attach csdl QLDA với SQL management studio

- Detach:

B1



B2



- Attach:

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The 'Object Explorer' pane on the left displays a tree view of the server 'MSI (SQL Server 15.0.2000 - MSI\ngnhia)'. The 'Databases' folder is expanded, and a right-click context menu is open over the 'Database' folder. The menu options are: 'New Database...', 'Attach...' (highlighted), 'Restore Database...', 'Restore Files and Filegroups...', 'Deploy Data-tier Application...', 'Import Data-tier Application...', 'Start PowerShell', 'Reports', and 'Refresh'.

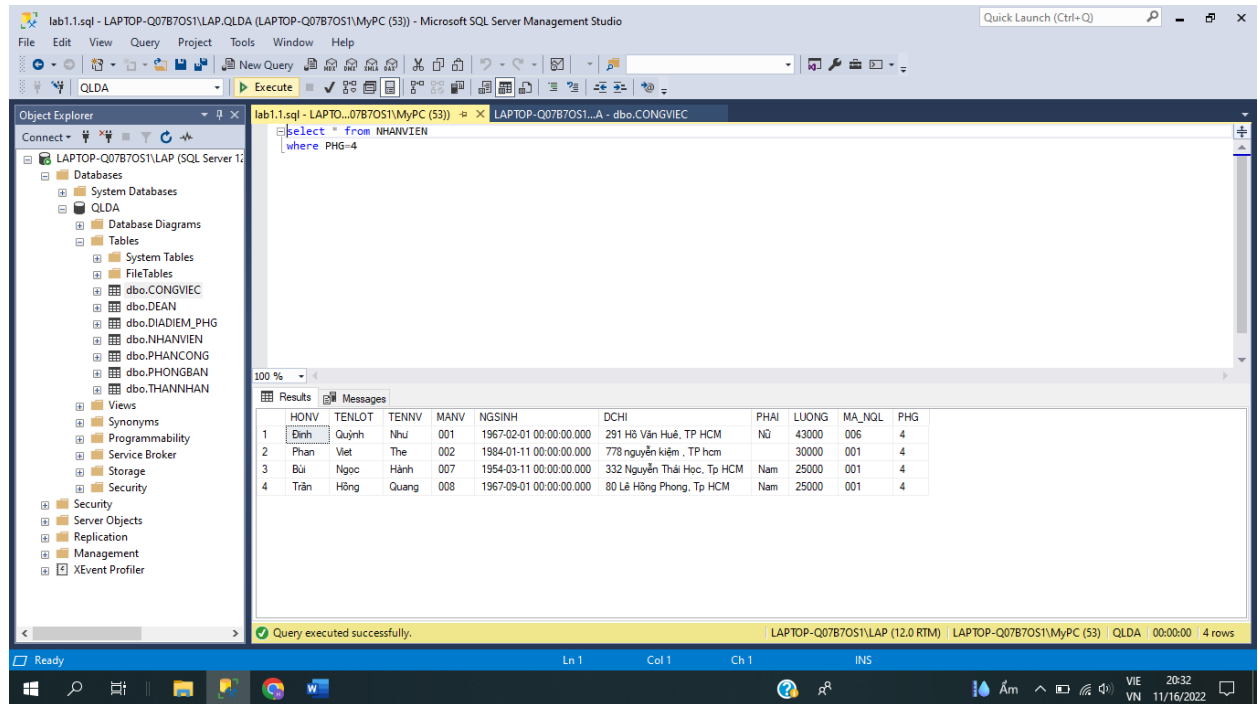
The screenshot shows the 'Attach Databases' dialog box in Microsoft Access. The 'Select a page:' section on the left has 'General' selected. The main area is divided into two sections: 'Databases to attach:' and 'Associated Files'. The 'Databases to attach:' section has a table with columns 'Database Name' and 'Attach', but it is currently empty. The 'Associated Files' section has a table with columns 'Original File Name', 'File Type', 'Current File Path', and 'Message', also currently empty. Below the 'Associated Files' table are 'Add...' and 'Remove' buttons. At the bottom of the dialog are 'Add Catalog', 'Remove', 'OK', and 'Cancel' buttons. The 'Progress' section at the bottom left shows a progress bar and the word 'Ready'.

The screenshot shows the 'Attach Databases' dialog box in SQL Server Enterprise Manager. The 'Database Data File location' is set to 'mssql15\mssqlserver\mssqldata'. The 'Locate Database Files - MGI' window is open, showing a file tree with 'mssql15' selected. The 'File name' field is 'GLDIA.mdf', and the 'Database Data File(s)' field is 'mssql15\mssqlserver\mssqldata\GLDIA.mdf'.

Bài 3: Thực hiện thao tác truy vấn dữ liệu đơn giản

1. Tìm các nhân viên làm việc ở phòng số 4

```
select * from NHANVIEN  
where PHG=4
```



The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the SQL statement: `select * from NHANVIEN where PHG=4`. The query has been executed successfully, and the results are displayed in the Results pane. The results pane shows a table with 10 columns: HONV, TENLOT, TENNV, MANV, NG SINH, DCHI, PHAI, LUONG, MA_NQL, and PHG. There are 4 rows of data.

	HONV	TENLOT	TENNV	MANV	NG SINH	DCHI	PHAI	LUONG	MA_NQL	PHG
1	Đinh	Quỳnh	Như	001	1967-02-01 00:00:00.000	291 Hô Văn Huệ, TP HCM	Nữ	43000	006	4
2	Phan	Viet	The	002	1984-01-11 00:00:00.000	778 Nguyễn Kiệm, TP HCM		30000	001	4
3	Bùi	Ngọc	Hành	007	1954-03-11 00:00:00.000	332 Nguyễn Thái Học, TP HCM	Nam	25000	001	4
4	Trần	Hồng	Quang	008	1967-09-01 00:00:00.000	80 Lê Hồng Phong, TP HCM	Nam	25000	001	4

Query executed successfully. LAPTOP-Q07B70S1\LAP (12.0 RTM) LAPTOP-Q07B70S1\MyPC (53) QLDA 00:00:00 4 rows

2. Tìm các nhân viên có mức lương trên 30000

```
select * from NHANVIEN  
where LUONG > 30000
```

SQLQuery1.sql - LAPTOP-Q07B70S1\LAP.QLDA (LAPTOP-Q07B70S1\MyPC (54)) - Microsoft SQL Server Management Studio

Object Explorer: LAPTOP-Q07B70S1\LAP (SQL Server 12.0) > Databases > QLDA > Tables > NHANVIEN

Query: `select * from NHANVIEN where LUONG > 30000`

Results:

	HONV	TENLOT	TENNV	MANV	NGSINH	DCHI	PHAI	LUONG	MA_NQL	PHG
1	Đinh	Quỳnh	Như	001	1967-02-01 00:00:00.000	291 Hồ Văn Huê, TP HCM	NỮ	43000	006	4
2	Nguyễn	Manh	Hùng	004	1967-03-04 00:00:00.000	95 Bà Rịa, Vũng Tàu	Nam	38000	005	5
3	Nguyễn	Thanh	Tùng	005	1962-08-20 00:00:00.000	222 Nguyễn Văn Cội, Tp HCM	Nam	40000	006	5
4	Phạm	Văn	Vinh	006	1965-01-01 00:00:00.000	15 Trưng Vương, Hà Nội	NỮ	55000	NULL	1

Query executed successfully. LAPTOP-Q07B70S1\LAP (12.0 RTM) LAPTOP-Q07B70S1\MyPC (54) QLDA 00:00:00 4 rows

3. Tìm các nhân viên có mức lương trên 25000 ở phòng 4 hoặc các nhân viên có mức lương trên 30000 ở phòng 5

```
select * from NHANVIEN
where (LUONG > 25000 and PHG = 4)
or (LUONG > 30000 and PHG = 5)
```

1.3.sql - LAPTOP-Q07B70S1\LAP.QLDA (LAPTOP-Q07B70S1\MyPC (55)) - Microsoft SQL Server Management Studio

Object Explorer: LAPTOP-Q07B70S1\LAP (SQL Server 12.0) > Databases > QLDA > Tables > NHANVIEN

Query: `select * from NHANVIEN where (LUONG > 25000 and PHG = 4) or (LUONG > 30000 and PHG = 5)`

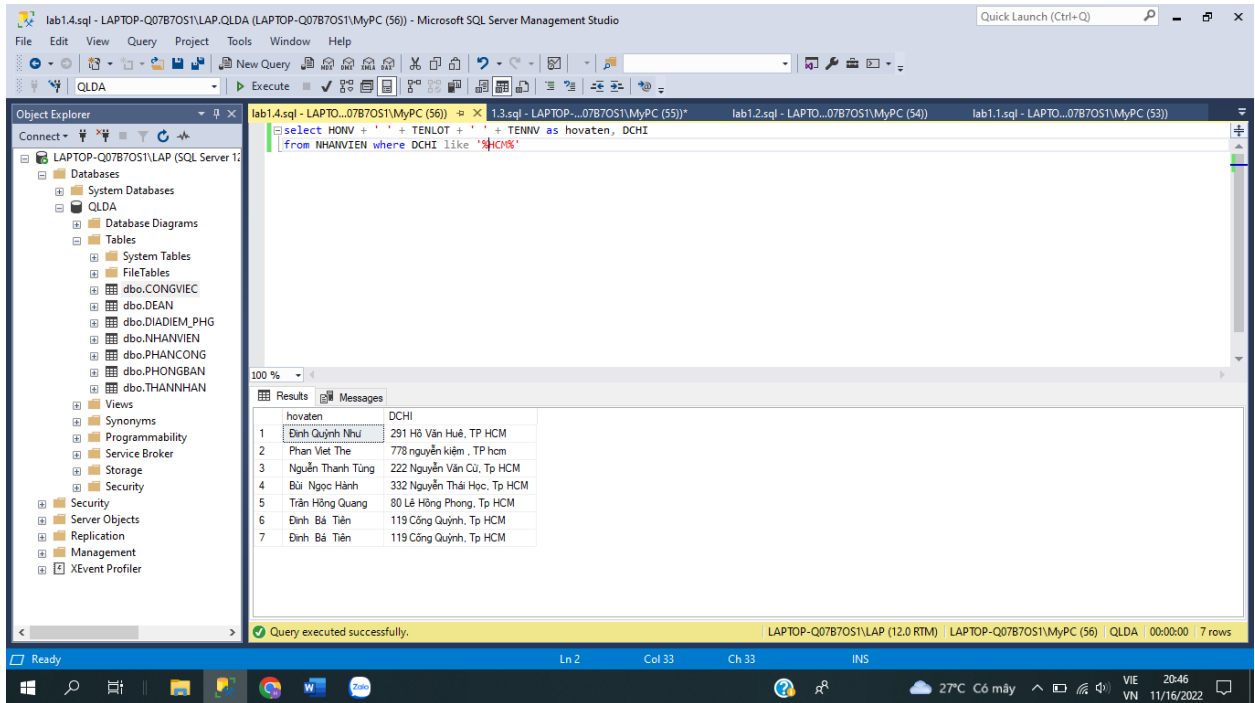
Results:

	HONV	TENLOT	TENNV	MANV	NGSINH	DCHI	PHAI	LUONG	MA_NQL	PHG
1	Đinh	Quỳnh	Như	001	1967-02-01 00:00:00.000	291 Hồ Văn Huê, TP HCM	NỮ	43000	006	4
2	Phạm	Viet	The	002	1984-01-11 00:00:00.000	778 Nguyễn Kiệm, TP HCM		30000	001	4
3	Nguyễn	Manh	Hùng	004	1967-03-04 00:00:00.000	95 Bà Rịa, Vũng Tàu	Nam	38000	005	5
4	Nguyễn	Thanh	Tùng	005	1962-08-20 00:00:00.000	222 Nguyễn Văn Cội, Tp HCM	Nam	40000	006	5

Query executed successfully. LAPTOP-Q07B70S1\LAP (12.0 RTM) LAPTOP-Q07B70S1\MyPC (55) QLDA 00:00:00 4 rows

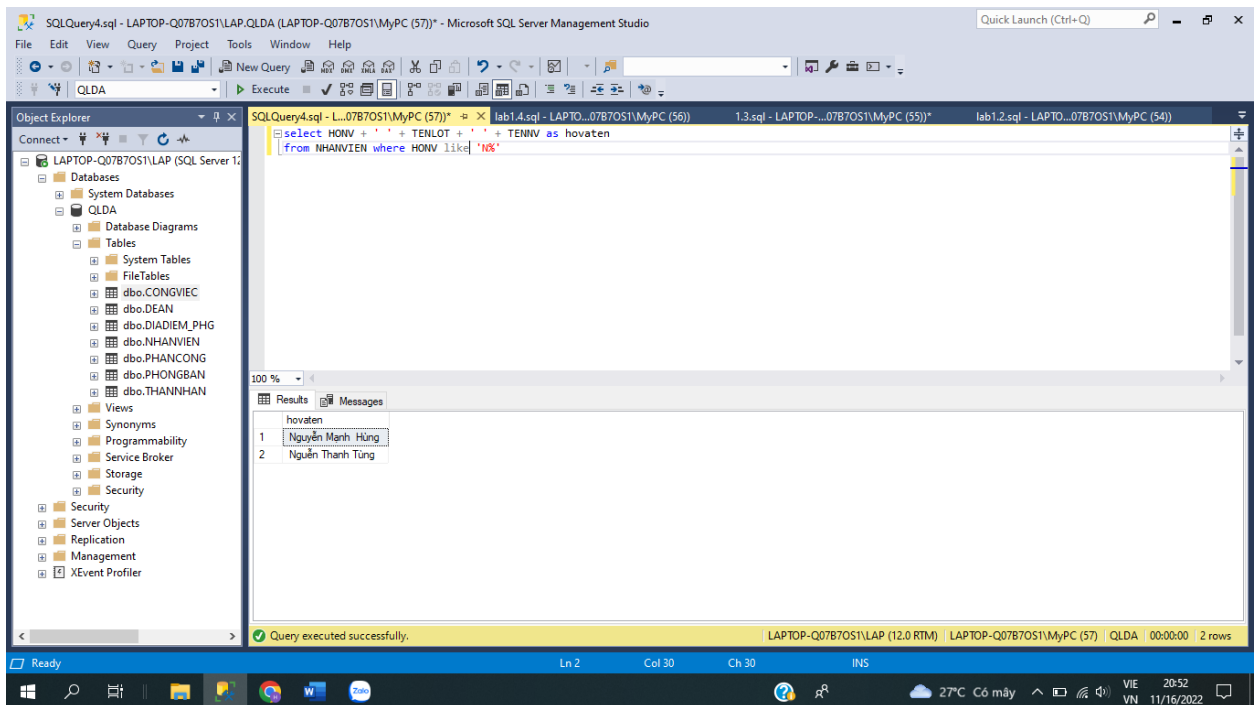
4. Cho biết họ tên đầy đủ của các nhân viên ở TPHCM

```
select HONV + ' ' + TENLOT + ' ' + TENNV as hovaten, DCHI
from NHANVIEN where DCHI like '%HCM%'
```



5. Cho biết họ tên đầy đủ của các nhân viên có họ bắt đầu bằng ký tự 'N'

```
select HONV + ' ' + TENLOT + ' ' + TENNV as hovaten
from NHANVIEN where HONV like 'N%'
```



6. Cho biết ngày sinh và địa chỉ của nhân viên Đinh Ba Tien


```
select * from NHANVIEN
where TENLOT = 'Bá' and TENNV = 'Tiên'
```

The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL statement:

```
select * from NHANVIEN
where TENLOT = 'Bá' and TENNV = 'Tiên'
```

The query has been executed successfully, and the results are displayed in the Results pane. The results show two rows of data from the NHANVIEN table.

	HONV	TENLOT	TENNV	MANV	NGSINH	DCHI	PHAI	LUONG	MA_NQL	PHG
1	Đinh	Bá	Tiên	009	1960-02-11 00:00:00.000	119 Công Quynh, Tp HCM	N	30000	005	5
2	Đinh	Bá	Tiên	017	1960-02-11 00:00:00.000	119 Công Quynh, Tp HCM	N	30000	005	5

The status bar at the bottom indicates that the query was executed successfully and returned 2 rows.