

INSERT & SELECT

The screenshot displays the Microsoft Visual Studio IDE with a SQL query editor and a results pane. The query editor shows a series of INSERT and SELECT statements. The results pane displays the output of the queries, showing employee data including employee ID, name, email, phone number, and salary.

SQL Query1.sql

```
1 INSERT INTO 員工編號_姓名_電子信箱 (員工編號, 姓名, 電子信箱) VALUES ('F71234567', 'Lewis', 'lewis@csie.ncku.edu.tw')
2 INSERT INTO 員工編號_姓名_電子信箱 (員工編號, 姓名, 電子信箱) VALUES ('F87654321', 'Eddie', 'eddie@csie.ncku.edu.tw')
3 INSERT INTO 員工編號_姓名_電子信箱 (員工編號, 姓名, 電子信箱) VALUES ('F74102103', '張辰凱', 'f74102103@gs.ncku.edu.tw')
4
5 INSERT INTO 電話_員工編號 (電話, 員工編號) VALUES ('0912345678', 'F71234567')
6 INSERT INTO 電話_員工編號 (電話, 員工編號) VALUES ('0987654321', 'F87654321')
7 INSERT INTO 電話_員工編號 (電話, 員工編號) VALUES ('0900000000', 'F74102103')
8
9 INSERT INTO 員工編號_薪水 (員工編號, 薪水) VALUES ('F71234567', '100')
10 INSERT INTO 員工編號_薪水 (員工編號, 薪水) VALUES ('F87654321', '65535')
11 INSERT INTO 員工編號_薪水 (員工編號, 薪水) VALUES ('F74102103', '99999')
12
13 SELECT * FROM 員工編號_姓名_電子信箱
14 SELECT * FROM 電話_員工編號
15 SELECT * FROM 員工編號_薪水
```

Results

員工編號	姓名	電子信箱
F71234567	Lewis	lewis@csie.ncku.edu.tw
F74102103	張辰凱	f74102103@gs.ncku.edu.tw
F87654321	Eddie	eddie@csie.ncku.edu.tw

電話	員工編號
0900000000	F74102103
0912345678	F71234567
0987654321	F87654321

員工編號	薪水
F71234567	100
F74102103	99999
F87654321	65535

已於 下午 07:18:30 成功執行查詢 | (LocalDB)\MSSQLLocalDB (13... | LAPTOP-HQ1653B2\ASUS (57) | D:\VISUAL STUDIO\PROGR... | 00:00:00 | 9 個資料列

UPDATE & SELECT

The screenshot displays the Microsoft Visual Studio IDE with a SQL query editor and its results. The query editor shows three UPDATE statements and three SELECT statements. The results pane at the bottom shows the output of these queries in three tables.

SQL Query1.sql

```
1 UPDATE 員工編號_姓名_電子信箱 SET 電子信箱 = 'hello@csie.ncku.edu.tw' WHERE 員工編號 = 'F71234567'
2 UPDATE 電話_員工編號 SET 電話 = '0977777777' WHERE 員工編號 = 'F71234567'
3 UPDATE 員工編號_薪水 SET 薪水 = '100000' WHERE 員工編號 = 'F87654321'
4
5 SELECT 員工編號, 電子信箱 FROM 員工編號_姓名_電子信箱
6 SELECT 電話, 員工編號 FROM 電話_員工編號
7 SELECT 員工編號, 薪水 FROM 員工編號_薪水
```

Results

員工編號	電子信箱
F71234567	hello@csie.ncku.edu.tw
F74102103	f74102103@gs.ncku.edu.tw
F87654321	eddie@csie.ncku.edu.tw

電話	員工編號
0900000000	F74102103
0977777777	F71234567
0987654321	F87654321

員工編號	薪水
F71234567	100
F74102103	99999
F87654321	100000

已於 下午 07:25:41 成功執行查詢 | (LocalDB)\MSSQLLocalDB (13... | LAPTOP-HQ1653B2\ASUS (57) | D:\VISUAL STUDIO\PROGR... | 00:00:00 | 9 個資料列

DELETE & SELECT

The screenshot displays the Microsoft Visual Studio IDE with a SQL query editor and its results. The query editor shows three SQL statements:

```
1 DELETE FROM 電話_員工編號 WHERE 員工編號 = 'F71234567'
2
3 SELECT * FROM 員工編號_姓名_電子信箱 WHERE 姓名 = 'Lewis'
4 SELECT * FROM 電話_員工編號 WHERE 員工編號 = 'F71234567'
5 SELECT * FROM 員工編號_薪水 WHERE 員工編號 = 'F71234567'
```

The results pane shows the output of the queries:

員工編號	姓名	電子信箱
F71234567	Lewis	hello@csie.ncku.edu.tw

電話	員工編號
----	------

員工編號	薪水
F71234567	100

The status bar at the bottom indicates the current line is 5, column 47, and the cursor is on the 'INS' key.

RELATION

The screenshot displays the Microsoft Visual Studio IDE with a project named "Homework9". The main window shows two forms, Form1 and Form2, which are data-bound applications. Form1 displays a table of employee data with columns for Employee ID, Name, and Email. Form2 displays a table of employee data with columns for Employee ID, Name, and Salary. The interface includes a menu bar, toolbar, and various tool windows like Solution Explorer, Team Explorer, and CPU Usage.

Form1 Data:

員工編號	姓名	電子信箱
*		
F71234567	Lewis	hello@csie.ncku.e...
F74102103	張辰凱	f74102103@gs.n...
P87654321	Eddie	eddie@csie.ncku...

Form2 Data:

員工編號	薪水
*	
F74102103	99999

Form3 Data:

電話	員工編號
*	
0900000000	F74102103

The interface also shows a Solution Explorer with the following items:

- bindingSource1
- database1DataSet
- 員工編號姓名電子信箱BindingSource
- 員工編號_姓名_電子信箱TableAdapter
- 員工編號姓名電子信箱員工編號薪水BindingSource
- 員工編號_薪水TableAdapter
- 員工編號薪水電話員工編號BindingSource
- 電話_員工編號TableAdapter

The bottom status bar shows the following information:

- 區域變數
- 監視式 1
- 就緒
- 12, 186
- 776 x 130
- 新增至原始權控制