

1. Please use “Lab” schema.

A. List all unpaid invoices.

顯示第 0 - 1 列 (總計 2 筆, 查詢用了 0.0003 秒。)

```
SELECT C.Customer_Number, C.Name, I.Invoice_Number FROM Customer AS C, Invoice AS I WHERE C.Customer_Number = I.Customer_Number AND I.Payment = 0
```

效能分析 [行內編輯] [編輯] [SQL 語句分析] [建立]

全部顯示 | 資料列數: 25 | 篩選資料列: 搜尋此資料表

+ 選項

Customer_Number	Name	Invoice_Number
3175	Sam's Small Appliances	11731
3175	Sam's Small Appliances	11733

B. Compute the sum of all quantities of invoice number 11733.

顯示第 0 - 0 列 (總計 1 筆, 查詢用了 0.0004 秒。)

```
SELECT SUM(Quantity) FROM LineItem WHERE Invoice_Number = 11733
```

效能分析 [行內編輯] [編輯] [SQL 語句分析] [建立]

全部顯示 | 資料列數: 25 | 篩選資料列: 搜尋此資料表

+ 選項

SUM(Quantity)
3

C. Compute the total cost of invoice number 11733. The value should be 69.89.

顯示第 0 - 0 列 (總計 1 筆, 查詢用了 0.0004 秒。)

```
SELECT SUM(L.Quantity * P.Price) FROM LineItem AS L, Product AS P WHERE L.Product_Code = P.Product_Code AND L.Invoice_Number = 11733
```

效能分析 [行內編輯] [編輯] [SQL 語句分析] [建立]

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+ 選項

SUM(L.Quantity * P.Price)
69.89

2. Please use “BankCustomer_yourStudentId”, which you created in lab 17, in your schema.

A. Add a new customer to the table.

新增了 1 列。 (查詢用了 0.0042 秒。)

```
INSERT INTO BankCustomer_105204027 VALUES (10, 10123, 1001, 1002)
```

效能分析 [行內編輯] [編輯] [SQL 語句分析] [建立]

全部顯示 | 資料列數: 25 | 篩選資料列: 搜尋此資料表

+ 選項

Customer_Number	PIN	Checking_Account_Number	Savings_Account_Number
1	1234	101	102
2	2468	201	202
3	3692	301	302
4	4826	401	402
5	5050	501	502
6	6284	601	602
7	7418	701	702
8	8642	801	802
9	9876	901	902
10	10123	1001	1002

B. Change customer 1's PIN to 1111.

影響了 1 列。 (查詢用了 0.0103 秒。)

```
UPDATE BankCustomer_105204027 SET PIN = 1111 WHERE Customer_Number = 1
```

效能分析 [行內編輯] [編輯] [SQL 語句分析] [建立]

全部顯示 | 資料列數: 25 | 篩選資料列: 搜尋此資料表

+ 選項

Customer_Number	PIN	Checking_Account_Number	Savings_Account_Number
1	1111	101	102
2	2468	201	202
3	3692	301	302
4	4826	401	402
5	5050	501	502
6	6284	601	602
7	7418	701	702
8	8642	801	802
9	9876	901	902
10	10123	1001	1002

C. Delete customer 9.

✓ 影響了 1 列。(查詢用了 0.0046 秒。)

DELETE FROM BankCustomer_105204027 WHERE Customer_Number = 9

TG06

新增

1082culture

1082science

1082social

BankCustomer_105204027

BankCustomer_105305017

BankCustomer_107302047

BankCustomer_108307041

Customer_Number	PIN	Checking_Account_Number	Savings_Account_Number
1	1111	101	102
2	2468	201	202
3	3692	301	302
4	4826	401	402
5	5050	501	502
6	6284	601	602
7	7418	701	702
8	8642	801	802
10	10123	1001	1002