



CS 1103 - FR02B

Lab 4

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Exercises:

Question 1: For all customers with non-zero balances in the 615 area code, list the full customer name.

SQL Query:

```
select CUS_LNAME, CUS_FNAME from CUSTOMER where CUS_AREACODE =
615 and CUS_BALANCE != 0;
```

Result:

CUS_LNAME	CUS_FNAME
Smith	Kathy
Olowski	Paul
Brown	James
Williams	George

Question 2: For products with fewer than 15 items in stock (P_QOH), list the product description and price. Relabel the report columns with more understandable headings.

SQL Query:

```
select P_DESCRIPT as DESCRIPTION, P_PRICE as UNIT_PRICE from
PRODUCT where P_QOH < 15;
```

Result:

DESCRIPTION	UNIT_PRICE
Power painter, 15 psi., 3-nozzle	109.99
B&D jigsaw, 12-in. blade	109.92
B&D jigsaw, 8-in. blade	99.87
B&D cordless drill, 1/2-in.	38.95
Sledge hammer, 12 lb.	14.40
Hicut chain saw, 16 in.	256.99

Question 3: Assuming that the discount column in the product table is available to preferred customers, report the discounted price of products for all products with a before discount price of more than \$100.

Query:

```
select P_DESCRIPT as DESCRIPTION, (P_PRICE * (1 - P_DISCOUNT))  
as DISCOUNTED_PRICE from PRODUCT where P_PRICE > 100;
```

Result:

DESCRIPTION	DISCOUNTED_PRICE
Power painter, 15 psi., 3-nozzle	109.9900
B&D jigsaw, 12-in. blade	104.4240
Hicut chain saw, 16 in.	244.1405
Steel matting, 4'x8'x1/6", .5" mesh	107.9550