

## SQL 3-BDML2 (Exercise 1)

Part 1

1) SELECT \*  
FROM customers;

2) SELECT \*  
FROM teams;

3) SELECT \*  
FROM items;

Part 2

1) SELECT customer-number, first-name, last-name, email, phone-number  
FROM customers;

2) SELECT name, num-at-players  
FROM teams;

3) SELECT name, desc, category  
FROM table;

Exercise 2Part 1

- 1) `SELECT first_name, last_name, current_balance, current_balance / 12`  
`FROM customers;`
- 2) `SELECT first_name, last_name, current_balance, current_balance - 5`  
`FROM customers;`
- 3) There is no need to give RMS gift card when balance is 0.

Part 2

- 1) `SELECT FIRST_NAME "First Name", LAST_NAME "Last Name", CURRENT_BALANCE,`  
`"Balance", current_balance / 12 "Monthly Payment"`  
`FROM customers;`

Part 3

- 1) `SELECT name || 'Team has' || number_of_players || 'players and receives`  
`a discount of' || discount || 'percent' AS "Team Information"`  
`FROM teams;`
- 2) Because it's NULL

Exercise 3Part 1

- 1) `SELECT *`  
`FROM customers WHERE ctr_number = 'C01906'`
- 2) `SELECT first_name, last_name, ctr_number, current_balance bal`  
`FROM customers WHERE current_balance > 100;`
- 3) `SELECT id, odr_date, odr_time`  
`FROM orders WHERE odr_date < TO_DATE('2019-05-28', 'YYYY-MM-DD')`

Part 2

1) SELECT id, cost, units  
FROM inventory-list WHERE cost between 300 and 1500;

Part 3

1) SELECT id, cost, units  
FROM inventory-list WHERE units IN (50, 100, 150, 200);

Part 4

1) SELECT id, cost, units  
FROM inventory-list WHERE units NOT IN (50, 100, 150, 200);

Part 5

1) SELECT item-number, name  
FROM items WHERE name LIKE 'G%'

Part 6

1) SELECT item-number, ~~name~~ name  
FROM items WHERE name LIKE 'O%'

Exercise 4Part 1

1) SELECT 'The ' || name || ' team has ' || number-of-players || ' players and does not receive a discount.' as "Team Information" FROM teams WHERE discount is NULL or

2) SELECT 'The ' || name || ' team has ' || number-of-players || ' players and receives a discount of ' || discount || ' percent' as "Team Information" FROM teams WHERE discount is NOT NULL



Part 2

- 1) SELECT ctr-number as "Customer Number", address-line-1 as "Street Address", zip-code as "Postal Code" FROM CUSTOMER\_ADDRESSES WHERE address-line-2 = 'Stanford' AND city = 'Liverpool';

Part 3

- 1) SELECT ctr-number as "Customer Number", address-line-1 as "Street Address", zip-code as "Postal Code" FROM CUSTOMER\_ADDRESSES WHERE address-line-2 = 'Stanford' OR city = 'Liverpool';

Part 4

- 1) SELECT ctr-number as "Customer Number", address-line-1 as "Street Address", zip-code as "Postal Code" FROM CUSTOMER\_ADDRESSES WHERE city NOT IN 'Liverpool';

Exercise 5Part 1

- 1) SELECT name as "Team Name", number-of-players as "Number of Players" FROM teams ORDER BY name ASC;

Part 2

- 1) SELECT name as "Team Name", number-of-players as "Number of Players" FROM teams ORDER BY number-of-players DESC;

Exercise CPart 1

- 1) SELECT ROWNUM as "Customer Name", first-name, last-name FROM (SELECT first-name, last-name FROM customers ORDER BY ctr-number) WHERE ROWNUM <= 3;

Part 2

- 2) SELECT first-name as "First Name", last-name as "Last Name" FROM sales-representatives ORDER BY last-name WHERE commission-rate = 'commission-rate';

