

SQL3 - DML 2SYED MUHAMMAD NAUFAL BIN
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SECTION 6 LESSON 6 EXERCISE 1Part 1

1. SELECT * FROM CUSTOMERS ;

2. SELECT * FROM TEAMS ;

3. SELECT * FROM ITEMS ;

Part 21. SELECT ctr-number, first-name, last-name, email,
phone-number FROM CUSTOMERS ;

2. SELECT name, number-of-players FROM TEAMS ;

3. SELECT name, description, category FROM ITEMS ;

EX

EXERCISE 2Part 1 : using arithmetic operators1. SELECT first-name, last-name, current-balance, current-balance/12
AS monthly-payment
FROM CUSTOMERS ;2. SELECT first-name, last-name, current-balance, current-balance - 5
AS after-gift-value
FROM CUSTOMERS ;

3. main problem is that it assumes all customers have positive balance.

Part 2

1. SELECT first-name AS 'First Name', last-name AS 'Last Name',
current-balance AS 'Balance', current-balance / 12 AS
'Monthly Repayments' 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. The last team have null value in their discount.

SECTION 6 LESSON 7 EXERCISE 1Part 1

1. SELECT * FROM CUSTOMERS
WHERE ctr-number = 'C01986';
2. SELECT first-name, last-name, ctr-number
FROM CUSTOMERS
WHERE current-balance > 100;
3. SELECT id, odr-date, odr-time
FROM ORDERS
WHERE odr-date < '28-MAY-19';

Part 2

1. SELECT id AS "Item ID", cost AS "Cost", units AS "Units"
FROM inventory_list
WHERE cost BETWEEN 3.00 AND 15.00;

Part 3

1. SELECT id AS "Item ID", cost AS "Cost", units AS "Units"
FROM inventory_list
WHERE units IN (50, 100, 150, 200);

Part 4

1. SELECT id AS "Item ID", cost AS "Cost", units AS "Units"
FROM inventory_list
WHERE units NOT IN (50, 100, 150, 200);

Part 5

1. SELECT itm_number AS "Item Number", name AS "Item Name"
FROM items
WHERE name LIKE 'g%';

Part 6

1. SELECT itm_number AS "Item Number", name AS "Item Name"
FROM items
WHERE LOWER(name) LIKE '%o%';

SECTION 6 LESSON 7 EXERCISE 2Part 1

1. SELECT name || ' team has ' || number_of_players || ' players and
does not receive a discount.' AS "Team Information"
FROM TEAMS
WHERE discount IS NULL;
2. SELECT name || ' team has ' || number_of_players || ' players and
receives a discount.' 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 city = 'Starford' AND zip-code LIKE 'LP%';

Part 3

1. SELECT ctr-number AS "Customer Number", address-line-1 AS "Street Address",
zip-code AS "Postal Code"
FROM customers-addresses
WHERE city = 'Starford' OR city = 'Liverpool';

Part 4

1. SELECT ctr-number AS "Customer Number", address-line-1 AS "Street Address",
zip-code AS "Postal Code"
FROM customers-addresses
WHERE city != 'Liverpool';

SECTION 6 LESSON 8 EXERCISE 1

1. SELECT name AS "Team Name", number-of-players AS "Players"
FROM TEAMS
ORDER BY name;
2. SELECT name AS "Team Name", number-of-players AS "Players"
FROM TEAMS
ORDER BY number-of-players DESC;
3. SELECT name AS "Team Name", number-of-players AS "Players"
FROM TEAMS
ORDER BY "Team Name" DESC;

SECTION 6 LESSON 8 EXERCISE 2Part 1

1. SELECT first-name || ' ' || last-name AS "Customer Name"
FROM CUSTOMERS
WHERE "Customer Name" <= 3;

Part 2

1. ACCEPT commission-rate NUMBER PROMPT 'Enter Commission Rate: '

SELECT first-name AS "First Name", last-name AS "Last Name"
FROM sales-representatives
WHERE commission-rate = & commission-rate
ORDER BY last-name;