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B23CS0007.

DML 2 Part 1

Part 1 : using select statement.

1. Customers

```
select * From Customers;
```

2. teams.

```
select * From teams;
```

3. Items.

```
select * From items;
```

Part 2 : selecting specific columns.

1. select ctr_num, first_name, last_name, email, phone_numbe

2. Select name, num_of_players
   From ~~customers~~ teams;

3. select name, description, category
   From items;

Dml 2 part 2

Part 1 : using ~~Arithmen~~ Arithmetic operation.

1. Select First_name, last_name, current_balance, current_balance/12
   From customers;

2. Select first_name, last_name, ctr_num, current_balance,
   current_balance_5.08

3. Because the ~~condition~~ output will be exceed by the condition.

Part 2 : using column alliases.

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: using literal character strings

1. Select
   'The' || name || 'team has' || number_of_players || 'players and receives a discount of' || discount || 'percent' As "Team Information"
   From teams;

2. Because it's null.

DML2 - Part 3.

Part 1 using where.

1. select *
From customers
where first_name = 'Maria' AND last_name = 'Galant';

2. select first_name AS "First_Name" last_name as "last Name"
ctr_number AS "customer Number"
From customers.
where current_balance > 100;

3. select id AS "orderID", odr_date AS "Order Date" odr_time AS "Oder time"
From orders
where odr_date < To_Date('2019-05-28', 'YYYY-MM-DD');

Part 2 Between operators.
select
id AS "inventory ID"
cost AS "cost"
units AS "unit"
From inventory-list
where cost Between 3.00 ~~And~~ AND 15.00;

Part 3
Select
id AS "inventory ID"
~~uni~~cost AS "cost"
units AS "unit"
From inventory_list
where units in (50, 100, 150, 200);

Part 4 ~~Selec~~

```
select
    Id As "inventory ID"
    Cost As "cost", units As "units"
From inventory_list
Where units Not in (50, 100, 150, 200);
```

Part 5

```
Select
    Itm_number As "Item Number", name As "Item Name"
From Items
Where name like 'g%';
```

Part 6

```
select
    itm_number As "item number", name as "Name"
    From Items
where Name like '% o %';
```

DML 2 - Part 4

Part 1: using the Null conditions.

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;

2. Select 'The' || Name || 'teamhas' || Number_of_players || 'players and receive a discount of' || Discount || 'percent'. As "Team Information"
From Teams
where Discount is Not Null;

Part 2: Logical operators: AND

1. Select CTR_Number "Customer Number", Address_Line_1" street Address", ZIP_~~ZO~~code "postal Code"
From Customers_Addresses
where City = 'Liverpool'
AND Address_line_2 = 'Stanford';

Part 3: Logical Operator: OR

1. Select Ctr_Number "Customer Number", Address_line_1" street Address", ZIP_CODE "Postal Code"
From ~~CU~~ Customers-Addresses
where City = 'Liverpool'
OR Address_line_2 = 'Stanford';

Part 4: Logical Operators: NOT equal to

1. Select Ltr_number "Customer.number", Address-line_1
"Street Address", zip_code "postal code"
From Customers_Addresses
where City NOT IN ("Liverpool");

DML 2 - part 5

1. Select

Name as "Team Name", number_of_players "Number of players"

From teams

Order By name ASC;

2 Select

Name as "Team Name", number_of_players "Number of players"

From teams

ORDER BY number_of_players DESC;

3. Select

Name "Team Name", number_of_players as "players"

From teams

Order by "Team name DESC";

~~Ex~~ DML 2 - 6

1. select

Concat (first_name, " ", last_name) "Customer name"

From Customers

where Rownum <= 3

order by ctr_number;

2. ~~Accept~~ commission_rate prompt 'Enter commission rate:'

select

first_name "First Name"

last_name "last Name"

Commission_Rate "Commission Rate"

FRom Sales_representations

where Commission_Rate = :com_RATE

ORDER BY LAST_NAME;