**--TASK 2 ROUGH WORK[DOUBLE CHECK FOR ERRORS]** - **work [ REMOVE UOP.DBO. AND THE $ SIGN AND THEN EXECUTE THE QUERIES.]**

For eg., query 1 Select \* from uop.dbo.DimProduct$ where ProductType Like 'B%';

Should be typed as Select \* from DimProduct where ProductType Like 'B%';

--TASK 2

Select \* from uop.dbo.DimProduct$ where ProductType Like 'B%';

Select \* from uop.dbo.DimProduct$ where ProductType Like 'B%d';

SELECT SalesAmount, ProductType FROM uop.dbo.FactSales$, uop.dbo.DimProduct$ WHERE uop.dbo.FactSales$.ProductCode = uop.dbo.DimProduct$.ProductCode and PromotionID IS NULL;

SELECT SalesAmount, ProductType FROM uop.dbo.FactSales$, uop.dbo.DimProduct$ WHERE uop.dbo.FactSales$.ProductCode = uop.dbo.DimProduct$.ProductCode and ProductName like '%bread%' Order by ProductType;

--1. List all the employees that their names start with the letter ‘B’

SELECT EmployeeFirstName

FROM uop.dbo.DimEmployee$

WHERE EmployeeFirstName LIKE 'B%';

--2. List the waste transactions that were gifted

SELECT \*

FROM uop.dbo.FactWaste$

WHERE ActionTaken = 'Gift';

--3. List all the waste transactions that were gifted due to decorating problems

SELECT \* from uop.dbo.DimWaste$

inner join uop.dbo.FactWaste$

on uop.dbo.DimWaste$.WasteID = uop.dbo.FactWaste$.WasteID

where WasteType like 'decorating problems';

**--Alternative way**

SELECT \* from uop.dbo.DimWaste$, uop.dbo.FactWaste$

WHERE uop.dbo.DimWaste$.WasteID = uop.dbo.FactWaste$.WasteID

and WasteType LIKE 'decorating problems';

--4. List all the waste transactions that were gifted due to decorating problems that involved products, which their name starts with the letter C and ends with the letters ed.

SELECT \*

FROM uop.dbo.DimWaste$

INNER JOIN uop.dbo.FactWaste$

ON uop.dbo.DimWaste$.WasteID = uop.dbo.FactWaste$.WasteID

INNER JOIN uop.dbo.DimProduct$

ON uop.dbo.FactWaste$.ProductCode = uop.dbo.DimProduct$.ProductCode

WHERE uop.dbo.DimWaste$.WasteType LIKE 'decorating problems'

AND uop.dbo.DimProduct$.ProductName LIKE 'C%ed';

**--Alternative way**

SELECT \* FROM uop.dbo.DimWaste$,uop.dbo.FactWaste$,uop.dbo.DimProduct$

WHERE uop.dbo.DimWaste$.WasteID = uop.dbo.FactWaste$.WasteID

and uop.dbo.FactWaste$.ProductCode = uop.dbo.DimProduct$.ProductCode

and uop.dbo.DimWaste$.WasteType LIKE 'decorating problems'

and uop.dbo.DimProduct$.ProductName LIKE 'C%ed';